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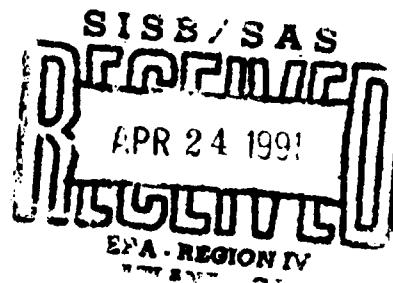
1927 LAKESIDE PARKWAY
SUITE 614
TUCKER, GEORGIA 30084
404-938-7710

2575

C-586-4-1-99

April 18, 1991

Mr. A.R. Hanke
Waste Programs Branch
Waste Management Division
Environmental Protection Agency
345 Courtland Street, N. E.
Atlanta, Georgia 30365



Subject: Screening Site Inspection, Phase II
Final Report
General Electric Co./Asheboro
Asheboro, Randolph County, North Carolina
TDD No. F4-9004-67
EPA ID No. NCD003236437

Dear Mr. Hanke:

Enclosed please find two (2) copies of the Final Screening Site Inspection Report, Revision 0, for General Electric Co./Asheboro, Asheboro, Randolph County, North Carolina.

If you have any questions or comments concerning this site, please contact me at NUS Corporation.

Very truly yours,

G. Tim Phillips

G. Tim Phillips
Project Manager

Approved:

Heg Schank

GTP/gwn

Enclosures (2)

cc: Earl Bozeman



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DATE REPORT ACCEPTED 6/4/91

DISPOSITION Recommended HRS Scoring

SAM SIGNATURE Earl L. Bogeman

R-586-4-1-24

FINAL REPORT

SCREENING SITE INSPECTION, PHASE II GENERAL ELECTRIC CO./ASHEBORO ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA EPA ID #: NCD003236437

Prepared Under
TDD No. F4-9004-67
CONTRACT NO. 68-01-7346

Revision 0

FOR THE

WASTE MANAGEMENT DIVISION
U.S. ENVIRONMENTAL PROTECTION AGENCY

APRIL 18, 1991

NUS CORPORATION
SUPERFUND DIVISION

Prepared By

G. Tim Phillips
G. Tim Phillips
Project Manager

Reviewed By

Bob Donaghue
Bob Donaghue
Assistant Regional
Project Manager

Approved By

Phil Blackwell
Phil Blackwell
Regional Project Manager

NOTICE

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EXECUTIVE SUMMARY

The General Electric Co./Asheboro facility is located in south-central Asheboro, Randolph County, North Carolina. The facility was built in 1945 and operated as a furniture manufacturing factory until 1952, when it was sold to General Electric (GE). The facility was used by GE to manufacture electric blankets and small household appliances. In 1985, GE sold the facility to Black and Decker, which has continued to use the facility for the manufacture of small household appliances. The facility presently operates as a generator under RCRA. Degreasing solvents and waste oils have been the primary wastes generated from the manufacturing processes.

Asheboro is situated within the Piedmont Physiographic Province in North Carolina. The geology of the study area involves a thin veneer of unconsolidated sediment underlain by fractured crystalline and metamorphosed sedimentary and igneous bedrock. The surficial deposits consist of clayey sands, with meta-mudstone or meta-argillite making up the underlying bedrock. Groundwater is primarily obtained from the fractures, joints, and other secondary openings in the bedrock. Most wells average 150 feet deep in this area.

The groundwater pathway was determined to be of primary concern for this location. Run-off from the facility can potentially enter the bedrock aquifer. An estimated 4,731 people within 3 miles of the landfill would be at risk if a release of contamination to groundwater occurs. The surface water pathway is also of concern due to recreational activities along the potentially affected surface water bodies.

Onsite soil and sediment samples contained a variety of inorganic compounds, including elevated levels of chromium, lead, and nickel. These metals are characteristic of the wastestream generated by past operations at the facility. Two organic compounds, benzo(A)anthracene and benzo-A-pyrene, were detected at elevated levels above background in the sediment sample from the onsite pond.

Based on the analysis of possible migration pathways, the results of the sampling investigation, and the information obtained from the references, it is recommended that Phase I of a Listing Site Inspection be initiated at General Electric Co./Asheboro.

1.0 INTRODUCTION

The NUS Corporation Region 4 Field Investigation Team (FIT) was tasked by the U.S. Environmental Protection Agency (EPA), Waste Management Division to conduct a Phase II Screening Site Inspection (SSI) at the General Electric Co./Asheboro site in Asheboro, Randolph County, North Carolina. The investigation was performed under the authority of the Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA). The task was performed to satisfy the requirements stated in Technical Directive Document (TDD) number F4-9004-67. The field investigation was conducted during the week of June 4, 1990.

1.1 OBJECTIVES

The objectives of this inspection were to determine the nature of contaminants present at the site and to determine if a release of these substances has occurred or may occur. Further, this inspection sought to determine the possible pathways by which contamination could migrate from the site and the populations and environments it would potentially affect. Through these objectives, a recommendation was made regarding future activities at the site.

1.2 SCOPE OF WORK

The objectives were achieved through the completion of a number of specific tasks. These activities were to:

- Obtain and review relevant background materials.
- Obtain information on local water systems.
- Evaluate target population within a 4-mile radius of the site with regard to groundwater, surface water, air, and onsite exposure pathways.
- Evaluate target population within 15 downstream miles with regard to surface water use.
- Determine location and distance to nearest potable well.

- **Develop a detailed sketch of the site.**
- **Collect environmental samples.**

2.0 SITE CHARACTERIZATION

2.1 SITE BACKGROUND AND HISTORY

The General Electric Co./Asheboro facility is located at 1758 South Fayetteville Street in Asheboro, Randolph County, North Carolina (Figure 1). The facility was built in 1945 and operated as a furniture factory until 1952 (Ref. 1). General Electric (GE) bought the facility in 1952 and manufactured electric blankets and small household appliances. Black and Decker, the current owner, bought the facility in April 1984, and has continued manufacturing small household appliances (Ref. 1).

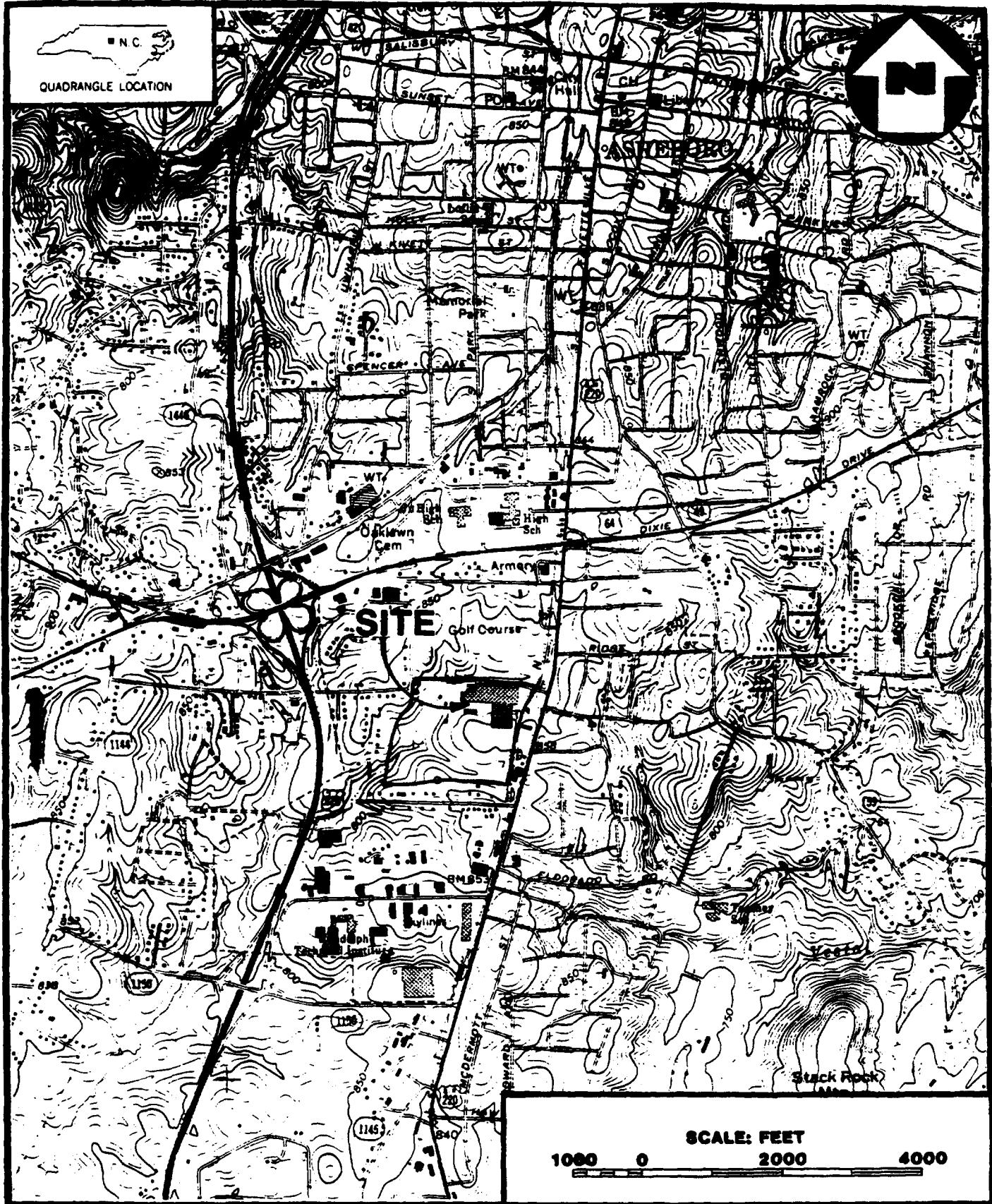
Wastestreams have primarily consisted of spent degreasing solvents and waste oils. No onsite disposals or spills of hazardous wastes were reported. Some copper wire containing the radioactive isotope ^{32}P was buried on site between 1956 and 1962. Due to the short half-life of ^{32}P , the wire is no longer radioactive (Ref. 1). Wastes were incinerated at Caldwell Systems, North Carolina, or disposed of at hazardous waste landfills in South Carolina and Alabama (Ref. 2). It was reported in September 1987, that the wastes are now incinerated at Oldover Corporation, Cascade, Virginia, and Albermarle, North Carolina (Ref. 3).

GE submitted a RCRA Part A Hazardous Waste Permit application in November 1980, for interim status as a storage facility (Ref. 4). On February 2, 1982, RCRA interim status inspection of the facility noted no violations (Ref. 2). On June 21, 1983, GE requested that its interim status as a storage facility be rescinded and that a Part B application would not be submitted (Ref. 5). The facility presently is operating as a generator under RCRA (Ref. 6). The facility additionally operates with a National Pollution Discharge Elimination System permit and air permits (Refs. 4, 7).

2.2 SITE DESCRIPTION

2.2.1 Site Features

The facility is located on approximately 60 acres in the south-central area of Asheboro (Appendix A). It is bounded to the east by state highway B-R 220, to the north by a public golf course and on the west and south sides by residential homes. A perimeter fence is around the property, with gates located at the three entrances into the grounds (Ref. 7).



BASE MAP IS A PORTION OF THE USGS 7.5 MINUTE QUADRANGLE ASHEBORO, NORTH CAROLINA, 1981.

SITE LOCATION MAP

GENEAL ELECTRIC COMPANY
ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA

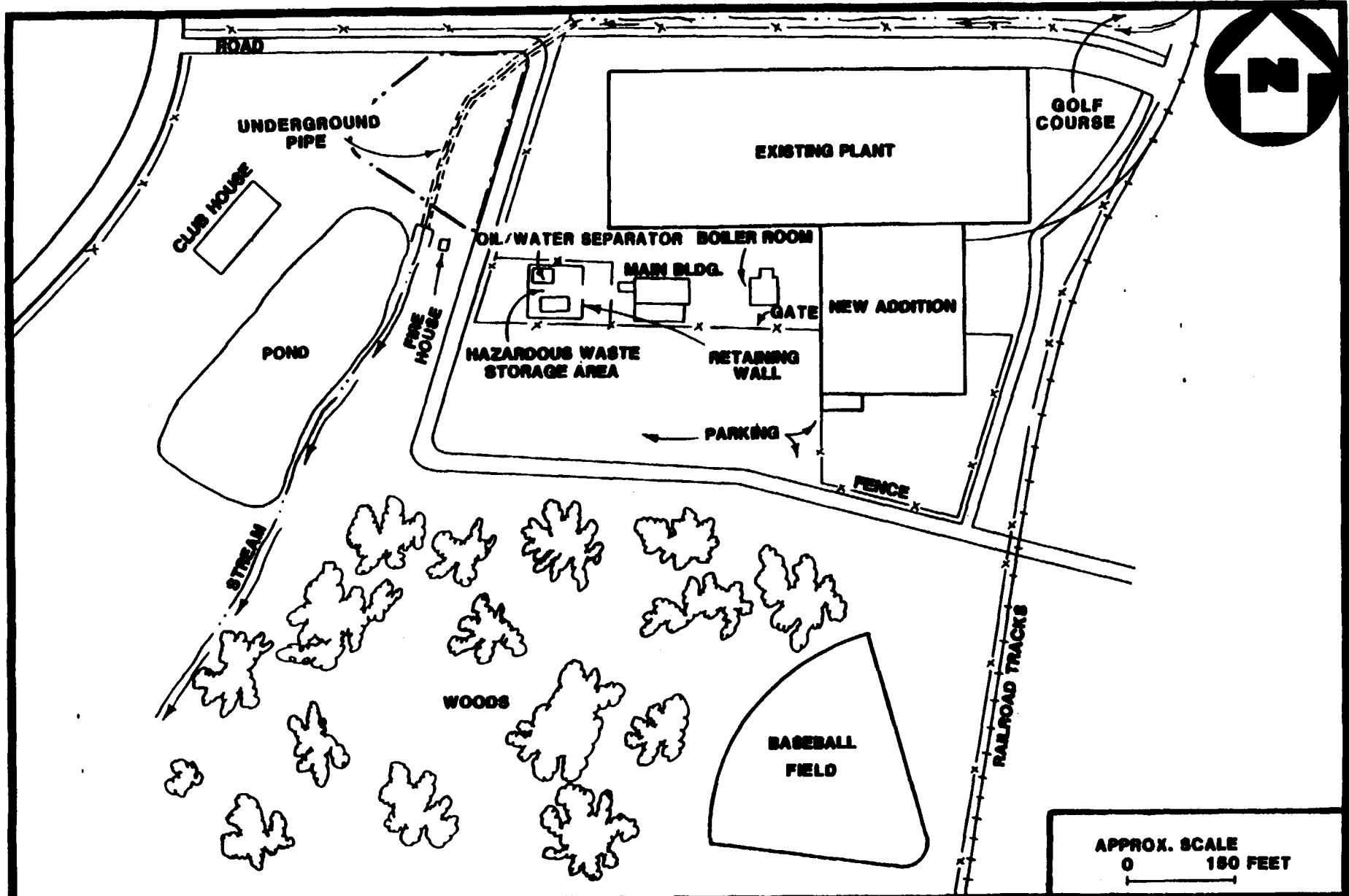
FIGURE 1

There are six buildings present on the property: the original plant, a new addition, the boiler room, the maintenance building, a recreation clubhouse, and a firehouse. The hazardous waste storage area is located in an outside, fenced area west of the maintenance building (Figure 2). A cement retaining wall is built around the storage area to contain spills. A cover is over part of the storage area to shield drums from rainfall. The oil/water separator is situated in this area (Figure 2). The clubhouse and firehouse are located on opposite sides of a pond in the northwest area of the facility. The pond is used for fishing and a water source in case of a fire at the plant. A second recreation area located on the southeast side of the facility consists of a baseball field.

An unnamed tributary flows west along the northeast boundary of the facility by the golf course and turns to the southwest toward the pond. From the golf course to the pond, the tributary flows underground in a pipe and returns to the surface via a concrete basin located beside the firehouse. The plant has four outfalls into this tributary (Ref. 7).

2.2.2 Waste Characteristics

In 1980 hazardous wastes generated were: 1 ton of 1,1,1-trichloroethane (F001); 3 tons of metals (F017); 100 pounds of 1,2-dichloroethane (U077); 50 pounds of methyl ethyl ketone (U159); 200 pounds of methyl chloroform (U226); and waste oil (Ref. 4). The hazardous wastes were generated from the degreasing and cleaning of metal components. These types of wastes have been consistent with Black and Decker's manufacturing processes also. No onsite spills or disposals of hazardous wastes have been reported (Ref. 1).



SITE LAYOUT MAP
GENERAL ELECTRIC COMPANY
ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA

FIGURE 2

3.0 REGIONAL POPULATIONS AND ENVIRONMENTS

3.1 POPULATION AND LAND USE

3.1.1 Demography

The General Electric Co./Asheboro facility is located at a geographical latitude of 35°40'55" N and longitude of 79°49'15" W. The population within a 1-mile radius of the facility is approximately 3,213; within a 3-mile radius, 13,108; and within a 4-mile radius, the population is estimated to be 19,499 people (Ref. 8). The nearest residence is located less than 1,000 feet west of the facility (Ref. 7).

3.1.2 Land Use

The area surrounding the facility is a mix of residential and industrial uses (Ref. 7, Appendix A). A public golf course is located adjacent to and north of the facility. Population density increases sharply toward the north and east. The Randolph Technical Institute is located approximately 0.5 mile south of the facility. Asheboro Junior High School and Asheboro High School are located 0.5 mile north of the facility (Appendix A). The ranges of some endangered or threatened species include Randolph County. These include the eastern cougar (Felis concolor cougar), bald eagle (Haliaeetus leucocephalus), and the arctic peregrine falcon (Falco peregrinus tundrius). The Cape Fear shiner (Notropis mekistocholas) is on the critical habitat list for Randolph County (Ref. 9).

3.2 SURFACE WATER

3.2.1 Climatology

Randolph County has a moist, temperate climate with an annual rainfall of 46 inches and annual evaporation of 41 inches (Ref. 10, pp. 43, 63). The net annual rainfall is 5 inches. The maximum 1-year, 24-hour rainfall is 2.75 inches (Ref. 11).

3.2.2 Overland Drainage

Surface water run-off from the facility enters the outfall stream on the western half of the property and flows southwest 0.5 mile where it enters the Little River (Appendix A). At this point the water

flows south along the Little River for the remainder of the 15-mile pathway. The pond located on the property has an overflow stream which joins the outfall stream (Appendix A).

3.2.3 Potentially Affected Water Bodies

The Asheboro Water Department currently obtains its water from Back Creek Lake and Lucas Lake (Ref. 12). These lakes are located northwest of the facility and are not affected by the facility's drainage pathway (Appendix A).

There are no surface water intakes along the Little River or the tributary that exits the facility (Ref. 12). Due to the flow being minimal at these points, no recreational boating and very little fishing occurs along the 15-mile pathway (Ref. 13). The Cape Fear shiner (*Notropis mekistocholas*), found in Randolph County, is on the state of North Carolina threatened species list, as well as being on the federal endangered species list (Ref. 14). A critical habitat for the Cape Fear shiner is located on Fork Creek in southeastern Randolph County, but it is not along the surface water pathway (Ref. 9).

3.3 GROUNDWATER

3.3.1 Hydrogeology

The General Electric Co./Asheboro facility is located in the Piedmont Physiographic Province in central North Carolina (Ref. 15, p. 3). Low, well-rounded hills and long, northeast-southwest trending ridges characterize the topographic expression (Ref. 15, p. 252). The Piedmont Physiographic Province consists of a thin veneer of residual soil and chemically weathered rock, called regolith, overlying fractured crystalline and metamorphosed sedimentary and igneous bedrock (Ref. 16, p. 10). Beneath the facility the regolith consists mainly of weathered clayey sands. The depth to the bedrock varies between 30 to 40 feet below land surface (bls) in this area (Ref. 17). The depth is dependent upon topographic position and the underlying bedrock (Ref. 16, p. 10). Underlying the regolith beneath the facility are metamorphic rocks of the Carolina Slate Belt. These rocks consists of meta-mudstone and meta-argillite (Ref. 18).

Groundwater occurs in the regolith and the underlying bedrock. The potential water supply of this aquifer system is dependent on the transmitting characteristics of the regolith and bedrock and the hydrologic correlation between them (Ref. 16, p. 10). Well yields from the regolith are generally low, due to the large amounts of sandy clay. Groundwater occurs under unconfined conditions within pore space in the regolith and within interconnected fracture systems in the bedrock (Refs. 15, p. 252;

16). The water table occurs at an average depth of 31 feet bsl in this area (Ref. 16, p. 30). The hydraulic conductivities of the regolith and bedrock are similar and typically range between 1.0×10^{-6} to 1.0×10^{-4} cm/sec (Ref. 19, p. 29).

3.3.2 Aquifer Use

The majority of the population within 3 miles of the facility is served by the Asheboro Water Department (Ref. 12, Appendix A). The city currently obtains water from Back Creek Lake, which is outside the 4-mile radius, and Lucas Lake, just south of Back Creek Lake and also outside the 4-mile radius (Ref. 12). These two lakes are not along the 15-mile, surface water pathway. Groundwater is not used as a potable water supply source by the city of Asheboro (Ref. 12).

The crystalline rock aquifer is the primary source of groundwater supply for private well users in Randolph County. The average depth of wells drilled in this area is 150 feet bsl, with a yield of 17 gallons per minute (Ref. 16, p. 27). The nearest private well is located approximately 3,000 feet southwest of the facility at the residence of E.B. Hicks. The well is approximately 50 feet deep, and the residents have had no problems with the water (Ref. 7).

A house count and analysis of U.S. Geological Survey topographic maps indicate that approximately 1,245 homes within 3 miles of the facility rely on private wells, with an additional 310 homes between 3 and 4 miles dependent on groundwater as a potable supply source (Appendix A). This gives a total of 1,555 homes or 5,909 people (1,555 houses x 3.8 people/house) relying on groundwater within a 4-mile radius.

3.4 SUMMARY OF POTENTIALLY AFFECTED POPULATIONS AND ENVIRONMENTS

There are two pathways of concern at the facility: groundwater and surface water. The air and onsite exposure pathways are not of concern due to the lack of airborne contaminants and lack of potential for spills at the facility.

Groundwater is the primary pathway of concern. Run-off from the facility could percolate downward through the unconsolidated sediments into the aquifer system. Potential contaminants could then be transported through the aquifer into surrounding private wells.

The surface water pathway is also of concern. Possible contaminants from run-off could migrate into the Little River. Recreational fishing occurs along the 15-mile, migration pathway, with boating taking place downstream of the 15-mile limit.

4.0 FIELD INVESTIGATION

4.1 SAMPLE COLLECTION

During the field investigation conducted the week of June 4, 1990, FIT 4 attempted to identify and characterize contaminants which may be present in the environment as a result of activities conducted at the General Electric Co./Asheboro facility. To accomplish this, FIT 4 collected environmental surface soil, subsurface soil, sediment, and groundwater samples. Sample locations were based on historical information and hydrogeological data for the region and facility area. A total of ten environmental samples were collected according to standard EPA protocols.

4.1.1 Sample Collection Methodology

All sample collection, sample preservation, and chain-of-custody procedures used during this investigation were in accordance with the standard operating procedures as specified in Sections 3 and 4 of the Engineering Support Branch Standard Operating Procedures and Quality Assurance Manual; United States Environmental Protection Agency, Region IV, Environmental Services Division, April 1, 1986.

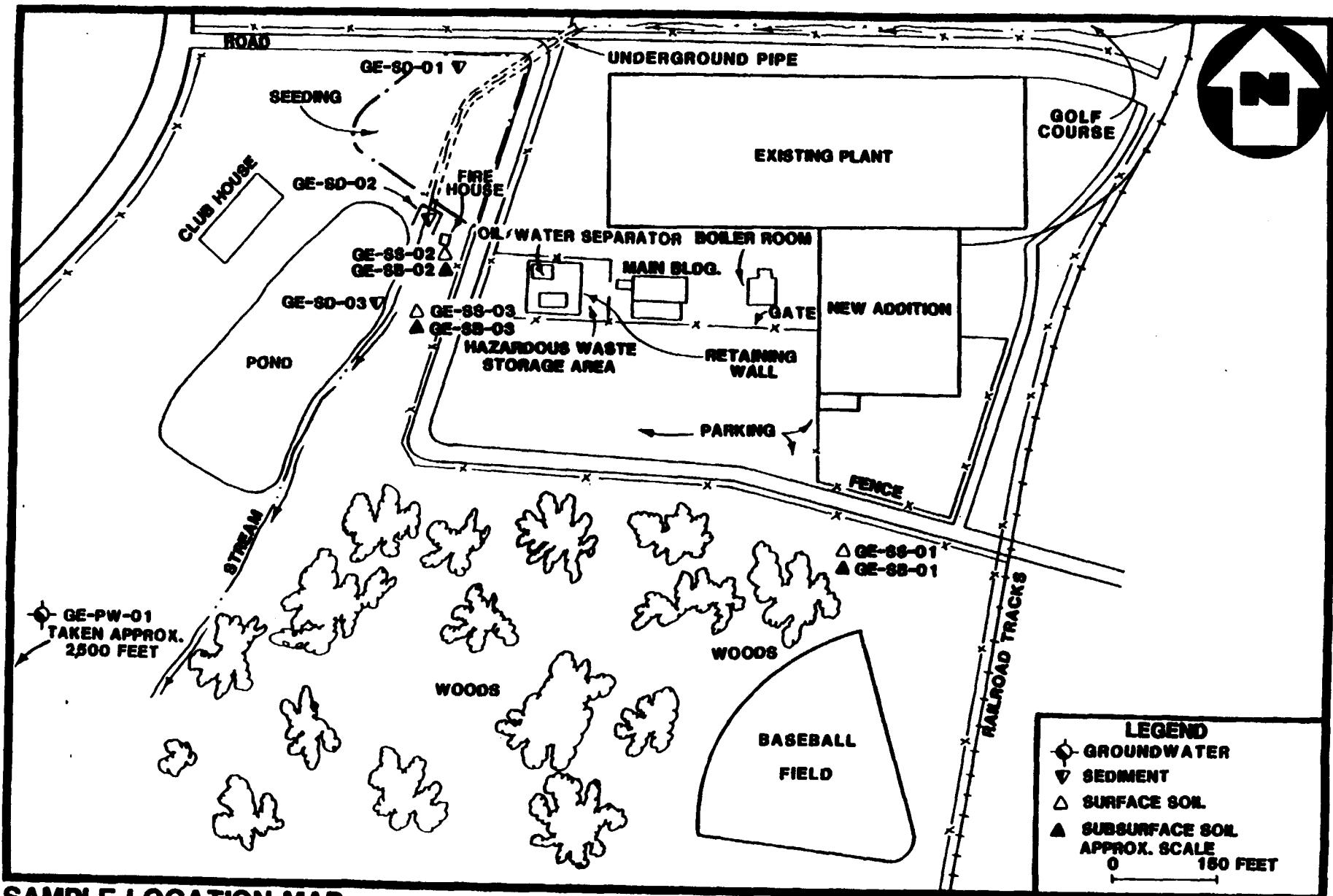
4.1.2 Duplicate Samples

Ray Pope, Environmental Engineer at the facility; Dan Lovingood, a consultant hired by General Electric (GE) to oversee sampling; and Ilene D'Amico, Environmental Manager for Black and Decker, were present when FIT 4 conducted field sampling. Duplicate samples were accepted by James O. Warren of IAE, for GE. Ms. D'Amico declined duplicate samples, as did Mrs. Hicks, the private well owner (Ref. 1).

4.1.3 Description of Samples and Sample Locations

Ten environmental samples were collected for the investigation: three surface soil, three subsurface soil, three sediment, and one groundwater (private well). Sample locations are shown in Figure 3. Sample codes, descriptions, and rationale are contained in Table 1.

Surface soil and subsurface soil samples were collected from three locations at the General Electric Co./Asheboro facility. Samples GE-SS-01 and GE-SB-01 were collected from the same location (by the



SAMPLE LOCATION MAP
GENERAL ELECTRIC COMPANY
ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA

FIGURE 3

TABLE 1
SAMPLE CODES, DESCRIPTIONS, LOCATIONS, AND RATIONALE
GENERAL ELECTRIC CO./ASHEBORO
ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA

Sample Code	Description	Location/Rationale
GE-SS-01	Surface Soil	Near baseball field on southeast quarter of property; to provide background value; 3"- 6" below land surface (bls)
GE-SS-02	Surface Soil	15' south of firehouse; to determine presence or absence of contaminants attributable to site; 3"- 6" bls
GE-SS-03	Surface Soil	Approximately 200' south of GE-SS-02; to determine presence or absence of contaminants attributable to site; 3"- 6" bls
GE-SB-01	Subsurface Soil	Same location as GE-SS-01; to provide background value; 4' bls
GE-SB-02	Subsurface Soil	Same location as GE-SS-02; to determine presence or absence of contaminants attributable to site; 4' bls
GE-SB-03	Subsurface Soil	Same location as GE-SS-03; to determine presence or absence of contaminants attributable to site; 4' bls
GE-SD-01	Sediment	Approximately 300' northeast of clubhouse in ditch, 45' from bend in road; to determine background values; upgradient
GE-SD-02	Sediment	Bottom of concrete basin, adjacent to firehouse; to determine presence or absence of contaminants
GE-SD-03	Sediment	East side of pond, 1 foot water depth; to determine presence or absence of contaminants
GE-PW-01	Private Well	Hicks' residential well 3,000 feet southwest of facility; to determine presence or absence of contaminants

GE - General Electric Co./Asheboro
 SS - Surface Soil
 SB - Subsurface Soil
 SD - Sediment
 PW - Private Well

baseball field) on the southeast corner of the property to ensure a representative background value. Samples GE-SS-02 and GE-SB-02 were collected from the same location approximately 200 feet north of samples GE-SS-03 and GE-SB-03 (Figure 3).

Sediment sample GE-SD-01 was collected approximately 300 feet northeast of the pond to ensure a representative background value. Sample GE-SD-02 was collected from a concrete basin located between the pond and firehouse. Sample GE-SD-03 was collected from the pond bed.

Groundwater sample GE-PW-01 was collected from the nearest private well, located approximately 3,000 feet southwest of the facility.

4.1.4 Field Measurements

Field measurements were recorded for the groundwater sample. Parameters measured included pH, temperature, and conductivity of the sample at time of collection and are presented in Table 2.

4.2 SAMPLE ANALYSIS

4.2.1 Analytical Support and Methodology

All samples collected were analyzed under the Contract Laboratory Program (CLP) and analyzed for all parameters listed in the Target Compound List (TCL). Organic analysis of soil and water samples was performed by Davis & Floyd, Greenwood, South Carolina. Inorganic analysis of soil and water was performed by Betz Laboratories, The Woodlands, Texas.

All laboratory analyses and laboratory quality assurance procedures used during this investigation were in accordance with standard procedures and protocols as specified in the Laboratory Operations and Quality Control Manual, United States Environmental Protection Agency, Region IV, Environmental Services Division, October 24, 1990; or as specified by the existing United States Environmental Protection Agency standard procedures and protocols for the contract analytical laboratory program.

4.2.2 Analytical Data Quality

All analytical data were subjected to a quality assurance review as described in the EPA Environmental Services Division laboratory data evaluation guidelines. In the tables, some of the

TABLE 2
FIELD MEASUREMENTS
GENERAL ELECTRIC CO./ASHEBORO
ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA

Sample Code	Description/Well Depth	Location	Well Depth	pH	Temp. (°C)	Conductivity (umhos/cm)
GE-PW-01	Private Well	Hicks residential well approximately 3,000 feet southwest of facility	50*	5.6	15	70.8

GE - General Electric Co./Asheboro

PW - Private Well

* Depth not measured in field.

concentrations of organic and inorganic parameters have been flagged with a "J". This indicates that the qualitative analysis was acceptable, but the quantitative value has been estimated. A few other compounds are flagged with an "N", indicating that they were detected based on the presumptive evidence of their presence. This means that the compound was tentatively identified, and its detection cannot be used as a positive identification as to its presence. The complete analytical data sheets are provided in Appendix B.

4.2.3 Presentation of Analytical Results

This section presents a discussion of the analytical results from the environmental samples collected during the investigation at the General Electric Co./Asheboro facility. Results of the surface soil, subsurface soil, and sediment samples are presented in Tables 3 and 4. Results of the groundwater samples to include the preservative blank are presented in Table 5. Interpretation of organic and inorganic analytical results follows. Where appropriate, sample results are compared with either the quantity detected in the background sample when available or with the minimum quantitation limit (MQL) of the background sample. On the tables, the MQL has been flagged with a "U".

4.2.3.1 Summary of Inorganic Analytical Results

Table 3 presents inorganic analytical results for the surface soil, subsurface soil, and sediment samples. Numerous inorganic contaminants were detected in the surface soil samples. Surface soil sample GE-SS-02, collected 15 feet south of the firehouse, contained nickel (7 times background) and manganese (3 times background). Sample GE-SS-03, collected 200 feet south of GE-SS-02, contained nickel (15 times background), manganese (4.6 times background), and chromium (3.6 times background).

In subsurface soil sample GE-SB-02, barium (6.5 times background) and manganese (4.4 times MQL) were detected. Sample GE-SB-03 contained lead at 3 times background concentration. In the sediment samples, nickel was detected at elevated levels above the MQL in samples GE-SD-02 and GE-SD-03. Except for zinc and mercury, most levels of inorganic contaminants in the designated background sample for sediment samples (GE-SD-01) were either higher than or comparable to levels found on site.

In the inorganic analytical results, chromium, manganese, nickel, and potassium were detected at elevated levels in surface soil sample GE-SS-03 (Table 3). Manganese and nickel were also detected at elevated levels in surface soil sample GE-SS-02. In subsurface soil sample GE-SB-02, barium (6.5 times

TABLE 3

**SUMMARY OF INORGANIC ANALYTICAL RESULTS
SURFACE SOIL, SUBSURFACE SOIL, AND SEDIMENT SAMPLES
GENERAL ELECTRIC CO./ASHEBORO
ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA**

PARAMETERS (mg/kg)	Surface Soil			Subsurface Soil			Sediment		
	Background	On Site 15' South of Firehouse	On Site 215' South of Firehouse	Background	On Site 15' South of Firehouse	On Site 215' South of Firehouse	Background	From Cement Basin	From Pond
	GE-SS-01	GE-SS-02	GE-SS-03	GE-SB-01	GE-SB-02	GE-SB-03	GE-SD-01	GE-SD-02	GE-SD-03
ALUMINUM	16,000	13,000	21,000	8800	21,000	20,000	14,000	3200	8900
ARSENIC	4J	8.4J	4.7J	3UJ	2.8J	5.6J	12J	-	3.2J
BARIUM	56	17	140	20	130	49	36	17	36
CALCIUM	790U		3700	-	-	-	-	-	-
CHROMIUM	22	12	80	6	6	7	17	4.6	8.2
IRON	35,000	25,000	39,000	7700	22,000	20,000	28,000	7300	13,000
LEAD	34	18	9	8	13	25	20	13	16
MAGNESIUM	1200U	5500	8300	-	-	-	-	-	-
MANGANESE	120	400	560	20U	88	41	150	64	110
MERCURY	-	-	-	-	-	-	12U	1.6	-
NICKEL	2.7	21	41	-	-	-	1.3U	4	4.4
POTASSIUM	220	290	920	110U	130	-	520	380	500
SODIUM	50U	60	70	-	-	-	-	-	-
VANADIUM	56	15	82	16	22	19	48	12	23
ZINC	21	59	47	10U	18	-	20U	49	-

- Material analyzed for but not detected above minimum quantitation limit.

J Estimated value

U Material was analyzed for but not detected. The number given is the minimum quantitation limit.

background) and manganese (4 times MQL) were found at elevated levels. Lead was detected at 3 times the background value in subsurface soil sample GE-SB-03. In the sediment soil samples, only nickel was detected at a elevated amount (3 times MQL in sample GE-SD-03). In the inorganic analysis of the private well (GE-PW-01), only barium was detected (Table 5). In conclusion, the elevated amounts of metals could be attributed to the processes of the former plant operations.

4.2.3.2 Summary of Organic Analytical Results

Table 4 presents organic analytical results for surface soil, subsurface soil, and sediment samples. Results for the background surface soil sample, GE-SS-01, indicated the presence of phenanthrene, fluoranthene, and pyrene. Estimated values for anthracene, benzo(A)anthracene, chrysene, benzo(B and/or K)fluoranthene, and one unidentified compound were also detected in the organic analytical results for GE-SS-01. These polycyclic aromatic hydrocarbon compounds may be attributed to contaminants from the nearby railroad tracks. Sample GE-SS-01 also contained 130 ug/kg of 4,4'-DDT (P,P'-DDT), a pesticide. This may be attributed to pesticide spraying along the tracks or at the baseball fields. No elevated amounts of organic compounds were detected in the onsite surface soil samples or subsurface soil samples.

Sediment sample GE-SD-03 contained estimated concentrations of benzo(A)anthracene (3.5 times estimated background) and benzo-A-pyrene (3 times estimated background). Fluoranthene (1,100 ug/kg) and pyrene (1,000 ug/kg) were also detected in GE-SD-03 but not in elevated amounts. Thirteen unidentified extractable compounds at an estimated value of 20,000 ug/kg were detected in GE-SD-03. No organic compounds were found above the MQL in the groundwater sample (Appendix B).

TABLE 4

**SUMMARY OF ORGANIC ANALYTICAL RESULTS
SURFACE SOIL, SUBSURFACE SOIL, AND SEDIMENT SAMPLES
GENERAL ELECTRIC CO./ASHEBORO
ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA**

PARAMETERS (ug/kg)	Surface Soil			Subsurface Soil			Sediment		
	Background	On Site 15' South of Firehouse	On Site 215' South of Firehouse	Background	On Site 15' South of Firehouse	On Site 215' South of Firehouse	Background	From Cement Basin	From Pond
	GE-SS-01	GE-SS-02	GE-SS-03	GE-SB-01	GE-SB-02	GE-SB-03	GE-SD-01	GE-SD-02	GE-SD-03
PURGEABLE COMPOUNDS									
TOLUENE	6U	3J	2J	6U	7	-	-	-	-
EXTRACTABLE COMPOUNDS									
PHENANTHRENE	1300	-	290J	-	-	-	340J	-	420J
ANTHRACENE	220J	-	-	-	-	-	850U	-	140J
DI-N BUTYLPHthalATE	-	-	-	-	-	-	850U	-	200J
FLUORANTHENE	1700	-	380J	-	-	-	550J	-	1100
PYRENE	1300	-	370J	-	-	-	630J	-	1000
BENZO(A)ANTHRACENE	610J	-	-	-	-	-	170J	-	600J
CHRYSENE	710J	-	180J	-	-	-	390J	-	750J
BENZO(B AND/OR K)FLUORANTHENE	910J	-	-	-	-	-	470J	-	960J
BENZO-A-PYRENE	-	-	-	-	-	-	190J	-	620J
INDENO (1,2,3-CD) PYRENE	-	-	-	-	-	-	850U	-	250J
BENZO(GHI)PERYLENE	-	-	-	-	-	-	850U	-	260J
UNIDENTIFIED COMPOUNDS ⁽¹⁾	1000J/1	3000J/1	-	-	3000J/1	3000J/1	5000J/3	-	20,000J/13
BENZOFLUORENE ⁽¹⁾	-	-	-	-	-	-	-	-	2000JN

- Material analyzed for but not detected above minimum quantitation limit

J Estimated value

N Presumptive evidence of presence of material

U Material was analyzed for but not detected. The number given is the minimum quantitation limit.

(1) Tentatively identified compound (TIC) This compound not on CLP Target Compound List (TCL) and is reported only as detected in individual samples; MQL not determined.

TABLE 4

**SUMMARY OF ORGANIC ANALYTICAL RESULTS
SURFACE SOIL, SUBSURFACE SOIL, AND SEDIMENT SAMPLES
GENERAL ELECTRIC CO./ASHEBORO
ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA**

PARAMETERS (ug/kg)	Surface Soil			Subsurface Soil			Sediment		
	Background	On Site 15' South of Firehouse	On Site 215' South of Firehouse	Background	On Site 15' South of Firehouse	On Site 215' South of Firehouse	Background	From Cement Basin	From Pond
	GE-SS-01	GE-SS-02	GE-SS-03	GE-SB-01	GE-SB-02	GE-SB-03	GE-SD-01	GE-SD-02	GE-SD-03
PESTICIDE\PCB COMPOUNDS									
4,4'-DDT (P,P'-DDT)	-	130	-	-	-	-	-	-	-

- Material analyzed for but not detected above minimum quantitation limit

J Estimated value

N Presumptive evidence of presence of material

U Material was analyzed for but not detected. The number given is the minimum quantitation limit.

(1) Tentatively identified compound (TIC). This compound not on CLP Target Compound List (TCL) and is reported only as detected in individual samples; MQL not determined.

TABLE 5
SUMMARY OF INORGANIC ANALYTICAL RESULTS
GROUNDWATER SAMPLES
GENERAL ELECTRIC CO./ASHEBORO
ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA

PARAMETERS (ug/l)	Preservative	Private Well
	Blank	GE-PB-01
BARIUM	16	29

5.0 SUMMARY

The groundwater pathway is of primary concern at General Electric Co./Asheboro. Run-off can enter into the bedrock aquifer through downward infiltration of the unconsolidated surficial sediments. Approximately 4,731 people are considered at risk from a potential release of contaminants to the groundwater pathway. The surface water pathway is also of concern due to fishing and other recreational activities which occur in surface water along its 15-mile path.

The results of the field investigation indicated that contamination is present and could threaten these pathways. The surface soil and subsurface soil samples contained elevated levels of metals including chromium, lead, and nickel. These metals are consistent with the inorganics found in wastewater streams from previous plant operations. Sediment soil samples indicated elevated levels of nickel. A variety of inorganic constituents in varying levels were detected in the soil and sediment samples; thus, the potential for groundwater contamination seems likely. Only one sediment sample (GE-SD-03), from the pond, contained organic contaminants in elevated levels (benzo(A)anthracene and benzo-A-pyrene).

Based on the analysis of possible migration pathways, the results of the sampling investigation, and the information obtained from the references, it is recommended that Phase I of a Listing Site Inspection be initiated at General Electric Co./Asheboro.

REFERENCES

1. Potential Hazardous Waste Site Preliminary Assessment (EPA Form 2070-12) and attached cover letter for General Electric Co., Asheboro, August 3, 1987. Filed by Stan Atwood, North Carolina Department of Human Resources, September 3, 1987.
2. Interim Status Inspection Report and memorandum of General Electric Company, Asheboro, North Carolina, by Steve Phibbs, District Sanitarian, Division of Health Services, North Central Regional Office, State of North Carolina, February 4, 1982.
3. Stan Atwood, interoffice memorandum to file for General Electric Company, September 8, 1987. Subject: Conversation with Ray Pope, Environmental Engineer for General Electric, concerning General Electric Co., Asheboro.
4. EPA Hazardous Waste Permit Application (EPA Forms 3510-1 and 3510-3) for General Electric Co., Asheboro, North Carolina. Filed by W.W. Williams, Vice President, General Manager, November 11, 1980.
5. Application for Change in Classification (DHS Form 3047) and attached cover letter for General Electric Co., Asheboro, North Carolina. Filed by Robert C. Wright, Vice President, Division General Manager, June 21, 1983.
6. North Carolina Department of Human Resources, Solid and Hazardous Waste Management, Alphabetic List of Hazardous Waste Facilities for General Electric Co./Asheboro, March 15, 1990.
7. NUS Corporation Field Logbook No. F4-2346 for General Electric Co./Asheboro, TDD No. F4-9004-67. Documentation of sampling investigation, June 4-5, 1990.
8. U.S. Environmental Protection Agency, Graphical Exposure Modeling System (GEMS) Date Base, compiled from U.S. Bureau of the Census data (1980).
9. U.S. Fish and Wildlife Service, Endangered and Threatened Species of the Southeastern United States (Atlanta, Georgia, 1988).

10. U.S. Department of Commerce, Climatic Atlas of the United States (Washington, D.C.: GPO, June 1968) Reprint: 1983 National Oceanic and Atmospheric Administration.
11. U.S. Department of Commerce, Rainfall Frequency Atlas of the United States, Technical Paper No. 40 (Washington, D.C.: GPO, 1961).
12. David Hughes, Engineer, Asheboro Water Department, telephone conversation with Tim Phillips, NUS Corporation, October 11, 1990. Subject: Water system lines for Asheboro.
13. Frank McBride, North Carolina Wildlife Resources, telephone conversation with Tim Phillips, NUS Corporation, October 12, 1990. Subject: Recreational activities on the Little River.
14. North Carolina Natural Heritage Program Element List for Randolph County, printout dated June 30, 1989.
15. Linda Aller, et al., DRASTIC: A Standardized System for Evaluating Ground Water Pollution Potential Using Hydrogeologic Settings, EPA-600/2-87-035 (Ada, Oklahoma: EPA, April 1987).
16. J. Charles C. Daniel, III, Statistical Analysis Relating Well Yield to Construction Practices and Siting of Wells in the Piedmont and Blue Ridge Provinces of North Carolina, U.S. Geological Survey Water Resources Investigations Report 86-4132 (Raleigh, North Carolina, 1987).
17. W.W. Manus, Owner, W.W. Manus and Sons Well Drilling, Asheboro, telephone conversation with Steven Walker, NUS Corporation, October 27, 1987. Subject: Water wells in Asheboro.
18. Geologic Map of North Carolina (Raleigh, North Carolina: North Carolina Geological Survey, 1985).
19. R. Allan Freeze and John A. Cherry, Groundwater (Englewood Cliffs, New Jersey: Prentice-Hall, Inc., 1979).

CERCLA ELIGIBILITY QUESTIONNAIRE

Site Name: General Electric Company/Asheboro

City: Asheboro

State: North Carolina

EPA ID Number: NCD003236437

I. CERCLA ELIGIBILITY	<u>Yes</u>	<u>No</u>
Did the facility cease operations prior to November 19, 1980?	<u> </u>	<u>x</u>
If answer YES, STOP, facility is probably a CERCLA site.		
If answer NO, Continue to Part II.		
II. RCRA ELIGIBILITY	<u>Yes</u>	<u>No</u>
Did the facility file a RCRA Part A application?	<u>x</u>	<u> </u>
If YES:		
1. Does the facility currently have interim status?	<u> </u>	<u>x</u>
2. Did the facility withdraw its Part A application?	<u>x</u>	<u> </u>
3. Is the facility a known or possible protective filer? (facility filed in error)	<u> </u>	<u>x</u>
4. Type of facility: Generator <u>x</u> Transporter _____ Recycler _____ TSD (Treatment/Storage/Disposal) _____		
Does the facility have a RCRA operating or post closure permit?	<u> </u>	<u>x</u>
Is the facility a late (after 11/19/80) or non-filer that has been identified by the EPA or the State? (facility did not know it needed to file under RCRA)	<u> </u>	<u>x</u>
If all answers to questions in Part II are NO, STOP, the facility is a CERCLA eligible site.		
If answer to #2 or #3 is YES, STOP, the facility is a CERCLA eligible site.		
If answer #2 and #3 are NO and any OTHER answer is YES, site is RCRA, continue to Part III.		
III. RCRA SITES ELIGIBLE FOR NPL	<u>Yes</u>	<u>No</u>
Has the facility owner filed for bankruptcy under federal or state laws?	<u> </u>	<u> </u>
Has the facility lost RCRA authorization to operate or shown probable unwillingness to carry out corrective action?	<u> </u>	<u> </u>
Is the facility a TSD that converted to a generator, transporter or recycler facility after November 19, 1980?	<u> </u>	<u> </u>



North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
David T. Flaherty, Secretary

Ronald H. Levine, M.D., M.P.H.
State Health Director

3 September 1987

Ms. Denise Smith
EPA NC CERCLA Project Officer
EPA Region IV Waste Division
345 Courtland Street, N.E.
Atlanta, GA 30365

Dear Ms. Smith:

Re: Preliminary Assessment Report
General Electric Co., Asheboro
NCD003236437

Enclosed please find the Preliminary Assessment report for the subject site. This priority is based on review of available data.

The facility (built in 1945) operated as a furniture factory until 1952. General Electric bought the facility in 1952 and manufactured electric blankets and small household appliances. Black & Decker bought the facility in April 1984 and has continued manufacturing small household appliances.

Waste streams have primarily consisted of spent degreasing solvents and waste oils. No on-site disposals or spills of hazardous wastes were reported; however, waste management practices prior to 1980 are unknown. Some copper wire containing the radioactive isotope ^{32}P was buried on-site between 1956 and 1962. Because of the short half life of ^{32}P , the wire is no longer radioactive.

The site presently has "Generator" status under RCRA. Wastes are incinerated at Caldwell Systems, NC, or are disposed at hazardous waste landfills in South Carolina and Alabama. The waste storage area is diked.

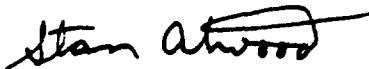
Ms. Denise Smith
Page 2

There are no known drinking water wells in the immediate vicinity of the site; however, it is estimated that more than 3000 people use wells within a 3-mile radius of the site. There is also a pond on-site which is fished. Surface runoff would flow west to the head waters of Little River.

On 3 September 1987, this Preliminary Assessment was reviewed by CERCLA Unit personnel; and by the following representatives from the North Carolina Department of Natural Resources and Community Development, Division of Environmental Management: Glenn Ross, Air Quality Section; and Vince Schneider, Water Quality Section.

A low priority for inspection is assigned. If you have any questions, please call me at (919) 733-2801.

Sincerely,



Stan Atwood, Toxicologist
CERCLA Unit
Solid and Hazardous Waste Management Branch
Environmental Health Section

SA/tb/0420b

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART I - INFORMATION AND ASSESSMENT

01 IDENTIFICATION
02 STATE NC
03 NUMBER D003236437

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) General Electric Co. Asheboro | 02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 1758 S. Fayetteville St.

03 CITY Asheboro | 04 STATE NC | 05 ZIP CODE 27203 | 06 COUNTY Randolph | 07 COUNTY CODE 76 | 08 SONG DIST 04

09 COORDINATES: LATITUDE 35°40'55" | LONGITUDE 79°49'15"

10 DIRECTIONS TO SITE (Starting from nearest public road) From US 64 turn south on Fayetteville St. (Business 220), site is located on the right about 0.5 miles from 64.
South

III RESPONSIBLE PARTIES

01 OWNER (if known) Black & Decker U.S., Inc. | 02 STREET (Business, mailing, residential) 701 E. Joppa Road

03 CITY Towson | 04 STATE MD | 05 ZIP CODE 21204 | 06 TELEPHONE NUMBER 301-583-3900

07 OPERATOR (if known and different from owner) Black & Decker US Inc. | 08 STREET (Business, mailing, residential) 1758 S. Fayetteville St., P.O. Drawer 400

09 CITY Asheboro | 10 STATE NC | 11 ZIP CODE 27203 | 12 TELEPHONE NUMBER 919-626-1600

13 TYPE OF OWNERSHIP (Check one)

A. PRIVATE B. FEDERAL: _____ (Agency) C. STATE D. COUNTY E. MUNICIPAL
 F. OTHER: _____ (Specify) G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) (CERCLA 103c)

A. RCRA 3001 DATE RECEIVED: B. UNCONTROLLED WASTE SITE DATE RECEIVED C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION BY (Check all that apply)

YES DATE A. EPA B. EPA CONTRACTOR C. STATE D. OTHER CONTRACTOR
 E. LOCAL HEALTH OFFICIAL F. OTHER: _____

NO CONTRACTOR NAME(s): _____

02 SITE STATUS (Check one)

<input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN Not a TSD.	03 YEARS OF OPERATION		
	1945	present	<input type="checkbox"/> UNKNOWN

BEGINNING YEAR ENDING YEAR

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED Waste streams have included solvents (primarily used for degreasing): MEK, Isopropyl alcohol, 1,1,1-trichloroethane, trichloroethylene, and 1,2-dichloroethane. Waste oil also produced. The site is listed as a "Generator" under RCRA.

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION No on-site spills or disposals of hazardous wastes reported. There are no known drinking water wells in the immediate vicinity. An on-site pond used for fire protection is fished.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste information and Part 3 - Description of Hazardous Conditions and Incidents)

<input type="checkbox"/> A. HIGH	<input type="checkbox"/> B. MEDIUM	<input checked="" type="checkbox"/> C. LOW	<input type="checkbox"/> D. NONE
(Inspection required promptly)	(Inspection required)	(Inspection on time available basis)	(No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Ray Pope | 02 OF (Agency/Organization) Black & Decker | 03 TELEPHONE NUMBER 919-626-1600

02 PERSON RESPONSIBLE FOR ASSESSMENT Stan Atwood | 05 AGENCY NC DHR/DHS | 06 ORGANIZATION S&HW Mgmt. Br | 07 TELEPHONE NUMBER 919-733-2801 | 08 DATE 8/3/87

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

II. IDENTIFICATION

101 STATE	102 SITE NUMBER?
NC	1003236437

II. WASTE STATES, QUANTITIES, AND CHARACTERS

01 PHYSICAL STATES (Check all that apply)		02 WASTE QUANTITY AT SITE (Measures of Waste quantities must be independent)	03 WASTE CHARACTERISTICS (Check all that apply)
<input type="checkbox"/> A. SOLID	<input type="checkbox"/> E. SLURRY	TONS _____	<input checked="" type="checkbox"/> H. IGNITABLE
<input type="checkbox"/> B. POWDER, FINES	<input checked="" type="checkbox"/> F. LIQUID	CUBIC YARDS _____	<input type="checkbox"/> I. HIGHLY VOLATILE
<input checked="" type="checkbox"/> C. SLUDGE	<input type="checkbox"/> G. GAS	NO. OF DRUMS _____	<input checked="" type="checkbox"/> J. EXPLOSIVE
<input type="checkbox"/> D. Other _____			<input type="checkbox"/> K. REACTIVE
			<input type="checkbox"/> L. INCOMPATIBLE
			<input type="checkbox"/> M. NOT APPLICABLE
			<input type="checkbox"/> G. FLAMMABLE

III. WASTE TYPES

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

V. FEEDSTOCKS (See Appendix for CAS numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS		.	FDS		
FDS		1	FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e. g. state files, sample analysis, reports)

1. Permanent files, Solid & Hazardous Waste Mgmt Br., Raleigh, NC.
 2. Ray Pope, Black & Decker, telephone conversation with Stan Atwood, NC DHR/DHS, 3 Aug. 1987.
 3. USGS 7.5' topographic map, Asheboro Quadrangle, 1981.

NE 1/4 ASHEBORO 15' QUADRANGLE
N3537.5-W7945/7.5

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PHOTOREVISED 1981
DMA 5055 III NE-SERIES V842

ASHEBORO

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HOLLY Lorraine Sch. ST.

W. KIVETT ST.

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H. Levine, M.D., M.P.H.
STATE HEALTH DIRECTOR

DIVISION OF HEALTH SERVICES
NORTH CENTRAL REGIONAL OFFICE
720 Coliseum Drive-Plaza West
Winston-Salem, N.C. 27106
(919) 761-2390

February 4, 1982

1

MEMORANDUM

TO: O. W. Strickland, Head
Solid & Hazardous Waste Management Branch

FROM: Steve Phibbs, District Sanitarian
North Central Regional Office

SUBJECT: Interim Status Inspection

COMPANY: General Electric
1758 S. Fayetteville Street
Asheboro, North Carolina 27203
EPA ID# NCD003236437
Randolph County

CONTACT: Richard Winkler, Ray Pope

CURRENT WASTE DISPOSAL SITES: S.C.A. - South Carolina, Chemical Waste
Management - Alabama, Caldwell Systems - North Carolina

On February 2, 1982, an RCRA interim status inspection was conducted at the General Electric Company in Asheboro, N. C. No violations were noted during the inspection.

General Electric appears to have a very good hazardous wastes program.

SP/s1
Attachment

....A Inspection Report

1) Facility Information

General Electric
1758 S. Fayetteville Street
Asheboro, North Carolina
EPA ID# NCD003236437

2) Facility Contact

Ray Pope
Richard Winkler

3) Survey Participants

Ray Pope, General Electric
Richard Winkler, General Electric
Steve Phibbs, District Sanitarian, Division of Health Services

4) Date of Inspection

February 2, 1982

5) Applicable Regulations

40 CFR Parts 263 and 265

6) Purpose of Survey

RCRA hazardous waste interim status was conducted at the General Electric Company in Asheboro, North Carolina. The scope of the survey covered record review, site survey and drum storage.

Applicable regulations covered those contained in 40 CFR Part 263, Generator Standards and Part 265, general facility standards for storage facilities and use and management of containers.

7) Facility Description

General Electric of Asheboro, North Carolina, manufactures small household and personal grooming appliances. Hazardous wastes generated includes varisol alcohol, methyl ethyl ketone, waste oil, degreasing solvents and sludges. These materials are disposed of at Caldwell Systems - North Carolina, S.C.A. - South Carolina, and Chemical Waste Management - Alabama. The waste oils are reclaimed by an oil recycling company.

The hazardous wastes are generated from the degreasing and cleaning of metal components. The degreasing "bath" is emptied approximately one time per week with the contents being stored in drums.

The wastes storage area is diked with a sump that can be used in an emergency spill situation. Adequate runoff precautions appear to have been taken.

8) Site Deficiencies

None

9) Recommendations

None

I ECTION I FOR INTERIM STATUS ANDARDS R
 OWNER/OPERATOR OF HAZARDOUS WASTE MANAGEMENT
 FACILITIES

Name of Site General Electric Co. EPA I.D. NC0003236437 County Randolph
 Location 1758 S. Fayetteville St., Asheboro Signature of Facility Contact George P. Poole
 Date 2/2/82 Signature of Inspector(s) Steve Phillips

INSTRUCTIONS: Place a check to indicate Compliance (C), NonCompliance (NC) or Not Applicable (NA). Cite specific violation by Section No.

	<u>C</u>	<u>NC</u>	<u>NA</u>	<u>Violation(s)</u>
1. GENERAL	✓	—	—	
2. GENERAL FACILITY STANDARDS	✓	—	—	
3. PREPAREDNESS AND PREVENTION	✓	—	—	
4. CONTINGENCY PLAN AND EMERGENCY PROCEDURES	✓	—	—	
5. MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING	✓	—	—	
6. GROUND-WATER MONITORING	—	—	✓	
7. CLOSURE AND POST-CLOSURE	✓	—	—	
8. FINANCIAL REQUIREMENTS	✓	—	—	
9. USE AND MANAGEMENT OF CONTAINERS	✓	—	—	
10. TANKS	—	—	✓	
11. SURFACE IMPOUNDMENTS	—	—	✓	
12. WASTE PILES	—	—	✓	
13. LAND TREATMENT	—	—	✓	
14. LANDFILLS	—	—	✓	
15. INCINERATORS	—	—	✓	
16. THERMAL TREATMENT	—	—	✓	
17. CHEMICAL, PHYSICAL, AND BIOLOGICAL TREATMENT	—	—	✓	
18. UNDERGROUND INJECTION	—	—	✓	

Generator And Storage Facility

Imminent hazard

YES

()

NO

(✓)

8 September 1987

TO: File
FROM: Stan Atwood *Ja*
RE: General Electric Co., Asheboro.

Ray Pope, GE, Asheboro, called me today to comment on the PA form mailed to him. He said he would return the form to me with comments in the margin.

SA/pb/0472b.54

Narrative Summary
General Electric Co. Asheboro
NC D003236437

The facility (built in 1945) operated as a furniture factory until 1952. General Electric bought the facility in 1952 and manufactured electric blankets and small household appliances. Black & Decker bought the facility in April 1984 and has continued manufacturing small household appliances.

Waste streams have primarily consisted of spent degreasing solvents and waste oils. No on-site disposals or spills of hazardous wastes were reported; however, waste management practices prior to 1980 are unknown. Some copper wire containing the radioactive isotope P³² was buried on-site between 1956 and 1962. Because of the short half life of P³², the wire is no longer radioactive.

The site presently has "Generator" status under RCRA. Wastes were previously incinerated at Caldwell Systems, NC, or are disposed at hazardous waste incinerator in landfills in South Carolina and Alabama. The waste storage area is diked. Wastes are now incinerated at older Corp. in Cascade, Va. and Albemarle, NC.

There are no known drinking water wells in the immediate vicinity of the site; however, it is estimated that more than 3000 people use wells within a 3-mile radius of the site. There is also a pond on-site which is fished. Surface runoff would flow west to the head waters of Little River.

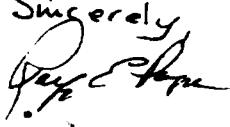
A low priority for inspection is assigned.

SA/ta/0420b.56

Stan Atwood: 9/8/87

Per our telephone conversation this date, the attached information is submitted for your review and consideration.

Thank you.

Sincerely,

(619)626-1653

D-Y-5
FNUCA003236437

GENERAL INSTRUCTIONS

If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete items II if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

FORM 1
GENERAL
NAME



I. EPA I.D. NUMBER

1
MC003236437

V. FACILITY MAILING ADDRESS

GENERAL ELECTRIC CO.
DRAWER 400
ASHEBORO, NC 27203

VI. FACILITY LOCATION

1758 S FAYETTEVILLE
ASHEBORO, NC 27203

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK 'X' YES NO FORM ATTACHED			SPECIFIC QUESTIONS	MARK 'X' YES NO FORM ATTACHED		
	10	11	12		13	14	15
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)	X			B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)	X		
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	(X)	NA		D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)	X		
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	X	X		F. Do you or will you inject at this facility industrial or municipal effluent below the highest stratum containing, within one quarter-mile of the well bore, underground sources of drinking water? (FORM 4)	X		
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)	X			H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the French process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)	X		
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)	X			J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)	X		

III. NAME OF FACILITY

1 SKIP

2 11-12-13

IV. FACILITY CONTACT

A. NAME & TITLE (last, first, & title)

2 HUBBARD RICHARD MAINT ENG

B. PHONE (area code & no.)

9 1 9 5 2 5 5 1 8 1

48 66 - 48 69 - 33 61 - 55

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX

3
11-16

B. CITY OR TOWN

4
11-16

C. STATE

D. ZIP CODE

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER

5
10-14

B. COUNTY NAME

RANDOLPH

C. CITY OR TOWN

6
11-16

D. STATE

E. ZIP CODE

F. COUNTY CODE
(if known)

CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)

7	3	6	3	9
(specify)				
Electrical Household Appliances				
10	11	12	13	14

7				
(specify)				
10	11	12	13	14

A. FIRST

B. SECOND

C. THIRD

D. FOURTH

VIII. OPERATOR INFORMATION

A. NAME

8 GENERAL ELECTRIC COMPANY

Is the name listed
Item VIII-A also
owner? YES NO

B. ADDRESS

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)

F = FEDERAL M = PUBLIC (other than federal or state)
 S = STATE O = OTHER (specify)
 P = PRIVATE

P (specify)
 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

D. PHONE (area code & no.)

A 9 1 9 6 2 5 5 1 8 1
 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

E. STREET OR P.O. BOX

P. O. DRAWER 400

F. CITY OR TOWN

BASHEBORO

G. STATE

NC

H. ZIPCODE

27203

IX. INDIAN LAND

Is the facility located on Indian lands?
 YES NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)

9 N NC 0006092

D. PSD (Air Emissions from Proposed Sources)

9 P

B. UIC (Underground Injection of Fluids)

9 U

E. OTHER (specify)

(specify)

C. RCRA (Hazardous Waste)

9 R NC D003236437

E. OTHER (specify)

(specify)

XL MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XIL NATURE OF BUSINESS (provide a brief description)

The General Electric Company, Asheboro, NC plant is in the business of producing small electrical household appliances.

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)
 W. W. Williams - Vice President
 General Manager

B. SIGNATURE

C. DATE SIGNED

11/11/80

COMMENTS FOR OFFICIAL USE ONLY

C
 C
 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

3
RCRA

U.S. ENVIRONMENTAL PROTECTION AGENCY
HAZARDOUS WASTE PERMIT APPLICATION
Consolidated Permits Program
(This information is required under Section 3005 of RCRA.)

PA I.D. NUMBER

F N C D 0 0 3 2 3 6 4 3 7

FOR OFFICIAL USE ONLYAPPLICATION DATE RECEIVED
(YR., MO., & DAY)

COMMENTS

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item 1 above.

A. FIRST APPLICATION (place an "X" below and provide the appropriate date)

- A. EXISTING FACILITY (See instructions for definition of "existing" facility.
Complete item below.)

YR.	MO.	DAY
52	01	

FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day)
OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED
(use the boxes to the left)

- B. NEW FACILITY (Complete item below.)

YR.	MO.	DAY
73	74	75
76	77	78

FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN

B. REVISED APPLICATION (place an "X" below and complete Item 1 above)

1. FACILITY HAS INTERIM STATUS

2. FACILITY HAS A RCRA PERMIT

III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, describe the process (including its design capacity) in the space provided on the form (Item III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.

1. AMOUNT - Enter the amount.
2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PRO- CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:		
CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS
TANK	S02	GALLONS OR LITERS
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS
Disposal:		
INJECTION WELL	D78	GALLONS OR LITERS
LANDFILL	D88	ACRE-FOOT (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER
LAND APPLICATION	D89	ACRES OR HECTARES
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS
UNIT OF MEASURE	UNIT OF MEASURE CODE	
GALLONS	G	
LITERS	L	LITERS PER DAY
CUBIC YARDS	Y	TONS PER HOUR
CUBIC METERS	C	METRIC TONS PER HOUR
GALLONS PER DAY		GALLONS PER HOUR
		LITERS PER HOUR

PROCESS	PRO- CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Treatment:		
TANK	T01	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.)	T04	GALLONS PER DAY OR LITERS PER DAY
UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE
ACRE-FEET	A	
HECTARE-METER	F	
ACRES	B	
HECTARES	G	

EXAMPLE FOR COMPLETING ITEM III-C (in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

LINE NUMBER	A. PRO- CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY			FOR OFFICIAL USE ONLY	LINE NUMBER	A. PRO- CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY			OFFIC US ONL	
		1. AMOUNT (specify)	2. UNIT OF MEA- SURE (enter code)	1. AMOUNT				2. UNIT OF MEA- SURE (enter code)	1. AMOUNT	2. UNIT OF MEA- SURE (enter code)		
X-1	S 0 2	600	G			5						
X-2	T 0 3	20	E			6						
1	S 0 1	55,000	G			7						
2						8						
3						9						
4						10						

Continued from the front.

III. PROCESSES (continued)

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

IV. DESCRIPTION OF HAZARDOUS WASTES

A. EPA HAZARDOUS WASTE NUMBER — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. ESTIMATED ANNUAL QUANTITY — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. UNIT OF MEASURE — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE
POUNDS.....	P
TONS.....	T

METRIC UNIT OF MEASURE	CODE
KILOGRAMS.....	K
METRIC TONS.....	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

For listed hazardous wastes: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "Included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous wastes.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

ITEM NO. X- Z	A. EPA HAZARD, WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEA- SURE (enter code)	D. PROCESSES								
				1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))				
X-1	K 0 5 4	900	P	T	0	3	D	8	0			
X-2	D 0 0 2	400	P	T	0	3	D	8	0			
X-3	D 0 0 1	100	P	T	0	3	D	8	0			
X-4	D 0 0 2											included with above

Photocopy this page before completing if you have more than 26 wastes to list.

Form Approved OMB No. 158-S80004

EPA I.D. NUMBER (enter from page 1)									
W	N	C	D	0	0	3	2	3	6
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

FOR OFFICIAL USE ONLY

W	DUP	2	DUP
11	12	13	14

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

W NO. 12	A. EPA HAZARD WASTE NO (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEA- SURE (enter code)	D. PROCESSES					1. PROCESS CODES (enter)				
				1. PROCESS CODES (enter)					2. PROCESS DESCRIPTION (If a code is not entered in D(1))				
1	F 0 0 1	1	T	S 0 1									
2	F 0 1 7	3	T	S 0 1									
3	U 0 7 7	100	P	S 0 1									
4	U 1 5 9	50	P	S 0 1									
5	U 2 2 6	200	P	S 0 1									
6	D 0 0 1	1	T	S 0 1									
7	D 0 0 2	1	T	S 0 1									
8													
9													
10													
11													
12													
13													
14													
15													
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21													
22													
23													
24													
25													
26													

Continued from the front.

IV. DESCRIPTION OF HAZARDOUS TES (continued)
E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

EPA I.D. NO. (enter from page 1)

F	N	C	D	O	0	3	2	3	6	4	3	7	T/A E
13	14	15											6

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 6 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)

3	5	4	0	2	4
00	00	00	00	00	00

LONGITUDE (degrees, minutes, & seconds)

7	9	4	8	5	7
00	00	00	00	00	00

VIII. FACILITY OWNER

A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER E 13 14	2. PHONE NO. (area code & no.) 13 14 - 15 16 - 17 18 - 19 20 - 21 22 - 23 24		
3. STREET OR P.O. BOX F 13 14	4. CITY OR TOWN G 13 14 15	5. ST. 13 14 15	6. ZIP CODE 13 14 - 15 16 - 17 18 - 19 20

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type) W. W. Williams	B. SIGNATURE 	C. DATE SIGNED 11/11/80
---	------------------	----------------------------

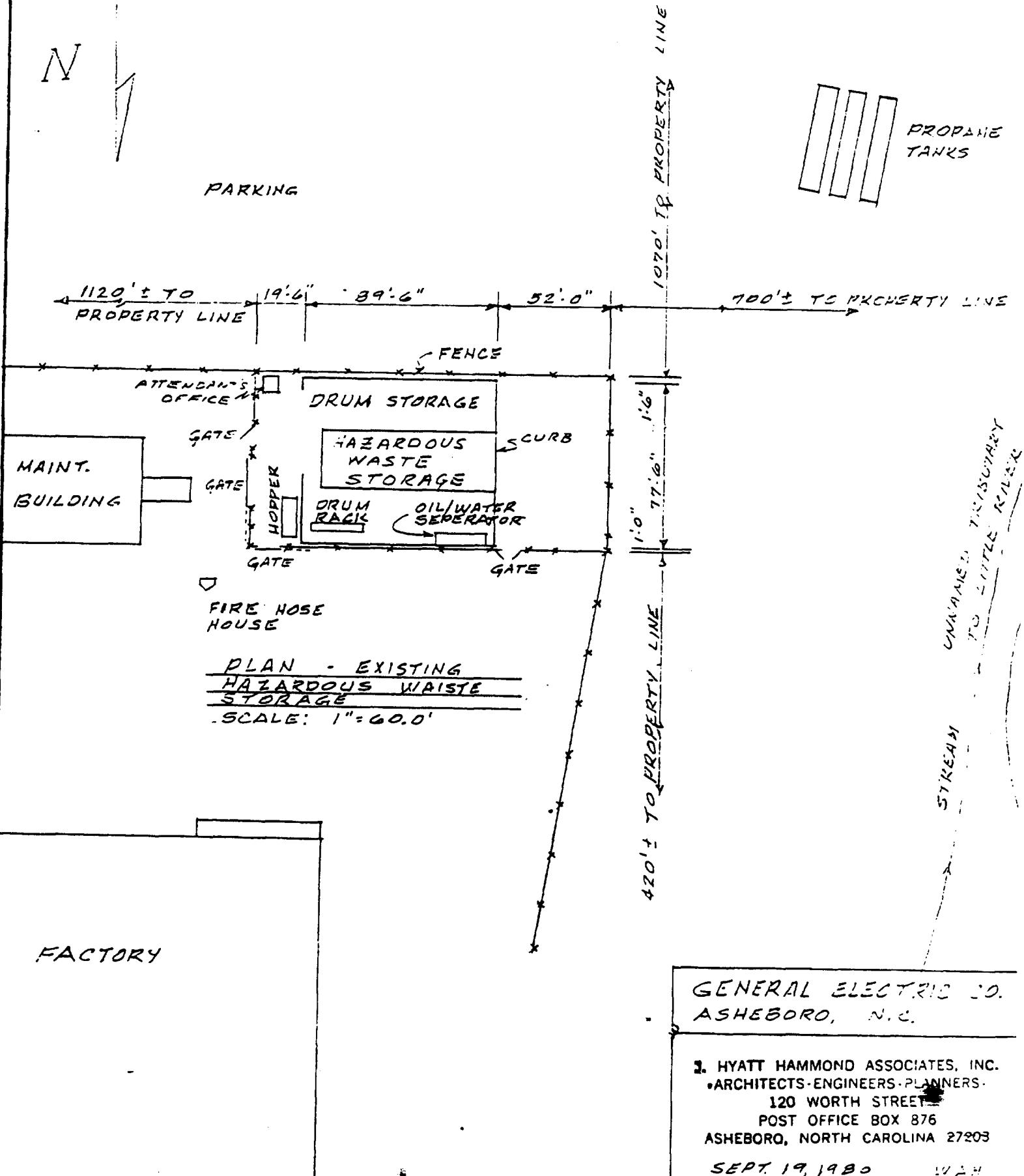
X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)	B. SIGNATURE	C. DATE SIGNED
-------------------------	--------------	----------------

N

PARKING



FACTORY

SEPT 19, 1980

W.D.H.

GE ASHEBORO, N. C.

X. Existing State Permits/Certificates

E. "other"

Air 76-72-16-0001

76-72-16-0002

76-72-16-0004

32-28-R-2

11/7/80



GENERAL ELECTRIC COMPANY, 1285 BOSTON AVE., BRIDGEPORT, CONNECTICUT 06601-2385

OUSEWARES
ND AUDIO
BUSINESS
DIVISION



4 June 21, 1983

Mr. J. Rhodes
Solid & Hazardous Waste Management Branch
Environmental Health Section
Department of Human Resources
P. O. Box 2091
Raleigh, North Carolina 27602

Dear Mr. Rhodes:

The General Electric plant located in Asheboro, North Carolina received a formal request dated March 30, 1983, for Part B of our application for a Hazardous Waste Facility Permit. This application was submitted to allow the plant to store hazardous waste. However, the Asheboro plant is currently not operating as a TSD (treatment, storage or disposal site) and the General Electric Company has no plans for that facility that would require the treatment, storage or disposal of hazardous waste. Because these hazardous waste activities are not conducted, it is requested that the facility's interim status be rescinded and that no action be taken on our November, 1980 permit application.

Please consider this letter and the attached application for a change in classification as our response to the request for the Part B application. Should any additional information be required contact Mr. Ray Pope, at the Asheboro plant.

Very truly yours,

Robert C. Wright
Vice President
Division General Manager

RCW:et

Department of Health Resources
Division of Health Services
Solid & Hazardous Waste Management Branch

APPLICATION FOR CHANGE IN CLASSIFICATION UNDER RCRA

Date: June 21, 1983
Company Name: General Electric Company
Company Address: 1758 S. Fayetteville St. Asheboro, N
EPA ID No: NCD003236437 2720

Mr. O. W. Strickland, Head
Solid & Hazardous Waste Management Branch
Division of Health Services
P. O. Box 2091
Raleigh, N. C. 27602

Dear Mr. Strickland:

Our company requests the following change in its classification under RCRA (check all that apply):

<u>Add As</u>	<u>Delete As</u>	
<input type="checkbox"/>	<input type="checkbox"/>	generator
<input type="checkbox"/>	<input type="checkbox"/>	transporter
<input type="checkbox"/>	<input type="checkbox"/>	treater
<input type="checkbox"/>	<input checked="" type="checkbox"/>	storer
<input type="checkbox"/>	<input type="checkbox"/>	disposer
<input type="checkbox"/>	<input type="checkbox"/>	small generator

Our reason for this request is:

Plant procedures have been established to assure that all hazardous waste is taken off-site for disposal within 90 days from the date it is generated. The Asheboro plant no longer stores hazardous waste.

NOTE: Give any pertinent information. This may be a change in your process, a new calculation of the volume of your waste, new analyses of your waste, etc. Be specific. Please note that this is not a petition for delisting a listed waste, which requires totally different handling.

If your request takes you out of the regulated system, but you wish to retain your EPA ID No., please state why.

I understand that my company must supply information about any changes in its operations which might change its status again on its own initiative.

I certify that the information supplied is accurate and correct to the best of my knowledge and belief. I am authorized to make this request on behalf of my company at the location given.

Signature: 
Company Title: Vice President & Division General Manager

REPORT DATE 03/19/90
HOSPTYPE:

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES
SOLID AND HAZARDOUS WASTE MANAGEMENT

PAGE 30

ALLEGED RELEASES OF HAZARDOUS-WASTES-FACILITIES

		MAILING ADDRESS	TELEPHONE	AREA NUMBER
O	NC098183956	BILLINGS FREIGHT SYSTEMS, INC. GREEN NEEDLES ROAD WILMINGTON, NEW BLDG.	ROUTE 1 BOX 19 22-404 LUMINATION NC 27404	704 956-1111
O	NC098183957	BILLY BILL GRADING CO., INC. 1813 MCARTHY ROAD FAYETTEVILLE OTEL-BLDG	526 NORTH MAIN STREET 20952 LUMINATION NC 27452	919 276-7966
O	NC0982121235	BILLS PAINT & AUTO REPAIR 105 SANFORD ROAD LUMINATION	PO BOX 1165 44-452 LUMINATION NC 27452	919 276-4500
O	NC0982121239	BILLY BILL GRADING CO., INC. 1813 MCARTHY ROAD FAYETTEVILLE OTEL-BLDG	6218 OAKMONT CIRCLE E 20314 FAYETTEVILLE NC 27444	919 488-7888
O	NC0109260119	BILT-KITE CAPS YOUNGSTOWN OHIO-44501	HIGHWAY 90 NORTH YOUNGSTOWN 47-540 STATE-5045-1 NC 44601	919 556-7166
O	NC09821212857	BILTHORPE BODY & USED CARS BIRMINGHAM-ENGLAND	97 TUNBRIDGE STREET 20663 ASHEVILLE NC 28803	704 255-1745
O	NC0982106383	BILTMORE COMPANY (THE) MARKETING-GEORGIA	DE LIMORE ESTATE ASHEVILLE 20663 ASHEVILLE NC 28803	704 588-7
O	NC0982138018	BISHOP FURNITURE & UPHOLSTERY 1128 NORTH BLOUNT STREET LOMOMON-HQ	PO BOX 410366 202447 CHARLOTTE NC 28244	919 829-1200
O	NC0982138027	BISHOP'S FURNITURE & UPHOLSTERY INC. LOMOMON-HQ	1128 NORTH BLOUNT ST 22-004 BLOUNT NC 28244	919 4235
O	NC000323637	BLACK & DECKER INC. POOL-RAY	PO BOX 64629 20306 FAYETTEVILLE NC 28306	919 626-1600
O	NC0982138035	BLACK CAPILLAC OILS INC. CHARLOTTE-CHAROLINE	1758 SOUTH FAYETTEVILLE ASHEVILLE 22-203 ASHEVILLE NC 28203	919 275-8
O	NC024584872	BLACK CADILLAC OILSMITH DAVISON-CAROLINS	601 E. BESSERER AVE 22-402 GREENSBORO NC 27402	919 275-9641
O	NC0982023635	BLACK PONTIAC INC. CARTH-SOUTH	601 E BESSERER AVE 22-402 GREENSBORO NC 27402	704 872
O	NC098163004	BLACKBURN'S CLEANERS SLACKNITH SHIP	809 SALISBURY ROAD 20677 STATESVILLE NC 28677	919 772-6611
O	NC098163018	BLACKEN-LESS INDUSTRIES STONEY-SHANE	4505 FAYETTEVILLE ROAD 47-006-1 NC 27405	704 872
O	NC098163019	BLACKNITH SHIP SLACKNITH SHIP	700 B NORTH LONG STREET 20445 SALISBURY NC 28645	919 439-1151

REFERENCE # 6

REFERENCE # 7

LOGBOOK REQUIREMENTS
REVISED - NOVEMBER 29, 1988

NOTE: ALL LANGUAGE SHOULD BE FACTUAL AND OBJECTIVE

1. Record on front cover of the Logbook: TDD No., Site Name, Site Location, Project Manager.
2. All entries are made using ink. Draw a single line through errors. Initial and date corrections.
3. Statement of Work Plan, Study Plan, and Safety Plan discussion and distribution to field team with team members' signatures.
4. Record weather conditions and general site information
5. Sign and date each page. Project Manager is to review and sign off on each logbook daily.
6. Document all calibration and pre-operational checks of equipment. Provide serial numbers of equipment used onsite.
7. Provide reference to Sampling Field Sheets for detailed sampling information.
8. Describe sampling locations in detail and document all changes from project planning documents.
9. Provide a site sketch with sample locations and photo locations.
10. Maintain photo log by completing the stamped information at the end of the logbook.
11. If no site representative is on hand to accept the receipt for samples, an entry to that effect must be placed in the logbook.
12. Record I.D. numbers of COC and receipt for sample forms used. Also record numbers of destroyed documents.
13. Complete SMO information in the space provided.

We, +
unless
safe,
as is:

de maximis

Environmental Project
Management

DANIEL A. LOVINGOOD
Project Manager

de maximis, inc.
P.O. Box 30348
Knoxville, TN 37990
(615) 691-5052
(615) 691-6485 FAX

M. Tim Phillips 6-4-90
G. Tracy Phillips 6/4/90
Sam P. Park P. Park 6/4/90
Brent McCance Board Member 6/1/90
Derrick L. Haysley, Secretary 6/1/90
Alvin J. Williams 6/1/90
Alvin J. Williams 6/1/90
Mark R. Wetherow

All entries shall be made by me,
GT Gary Thomas, unless indicated otherwise.
GT Tim Phillips
5.31.90

2

10-5-40

6-4-90

3:55 TP

15:35 Arrived at

6E (Black & Peck)

slimy to Party Corp.

met with Ray Pope (PRP).

Dan Lovingson - consultant for H.E.

Steve D'Amico - company man for

Black & Peck

Mr. Pope took us on a walk

of the sampling area. From distance

observed by Hanover Waste Storage

area & pond area. Mr. Pope stated

that Black & Peck has 4 offices to

tributing. He has M.A.T.'s permit. OD

TP & with written permission. OD

17:00 Left facility for day

09:15 Greg (myself, Sam, Mark & PRP's
(Dan & Steve) went to locate
private wells (an acre or so mixed
residential & industrial).09:33 Arrived at home repeat site with
private well located approximately 1/2
50' deep, 26 years old, no problems
except muddy when raising. Owner
is Mr. E. B. Hucks 331 Franklin Dr.
Does not know what type well was dug.

St. John Phillips

4 6-5-90

09:55 PW 01 water sample at Rainton well

pH = 8.2
Cond = 8.36x
 $\times 10$

Temp = 16°C - 61°F

10:00 2nd Reading

pH = 6.8
Cond = 8.02

$\times 10$ Temp = 16°C - 61°F

10:05 3rd Reading

pH = 5.59
Cond = 8.08

$\times 10$ Temp = 16°C + 61°F

10:10

4th Reading

pH = 5.62
 $\times 10$ Cond = 7.87

Temp = 15°C - 59°F

10:13 15TP

Took Matrix Duplicate from point well. Muriate water is available but not being used. HN4 reading was 0.

10:40

Arrived back at facility. Decided not to take sample GESSO4, SSO5, SS06, SBO4, S805, SOE drainage areas expanded over. Fence is around site.

11:05

Arrived at SSO1 location with PPS's and TAE sampler to take background samples. HN4 reading 0.

12:00

Broke for lunch

13:30

Greg, Dan, Mark, Brent, myself, PAPL's & IEC went to start sediment sampling (refugee trap). HN4 reading 0. Had water reading background

14:15

Taking Sed O2, HN4 water reading 0. Brent taking sample in drainage cavity from. PAPL's taking off impeding site.

10:42 5th Reading

pH = 5.64
 $\times 10$ Cond = 7.81

Temp = 15°C - 59°F

4th Reading

Temp pH

Temp pH

Sample Code	Time	Soil Description	Field Notes	Sampled by
PHF 955	11:08	Red gray Bentonite	+ P	Derrick
SS01	11:30	Background surface	4' b.s.	Craig
SS01	11:30	Background surface	4' b.s.	tree
SS02	13:35	Red clay, sand		Shanty
SS02	14:15	Brown, damp		Tim
SS03	14:45	1 ft. down Dirt bank, sandy	From pond west of plant + entered by G.W. Thomas	G.W. Thomas
SS02	15:25	Gravelly, sandy	corner of fire house } trimmer 1 ft. down sandy } possible of SS02 } surface drainage + no plant } entered by G.W. Thomas	G.W. Thomas
SS03	15:30			
SB02	15:55	Yellow clay	same location as SS01, 2 ft. deep	Craig Wink + Som
SB03	16:15	Org. / fine clay	4' deep (b.s.)	G.W. Thomas Sandmark

St. Tim Phelps

St. Tim Phelps 7

8

1445 Turkey 500' 3 sec pend. Turkey
observed: No tiny redworms

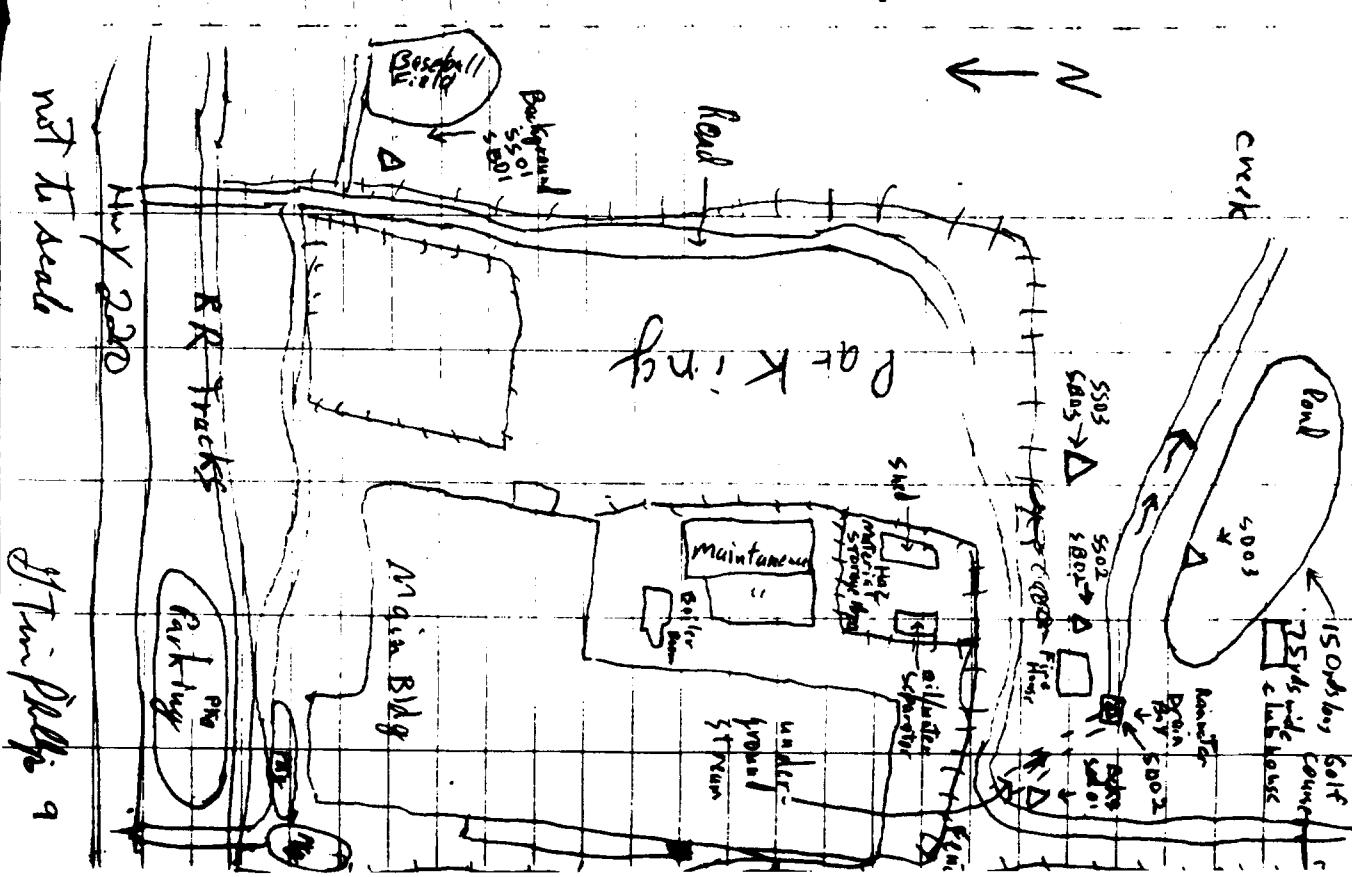
Tubbs SNO 3 was read. Tubbs
observed, No HN 4 reading above
background.

15:25 Taking S502 corner of bushy ground.
H/V up reading 0 - none above back ground.

18:00 Game with TAE signed for next of
split samples. Return of equipment
started.

18:30 Looked up report. Cleaned up site. Refer to field sketch for key of sample numbers. The closest surface is located at west side of plant about 10 feet.

21:30 I have reviewed the activities for the day.



Case No. 14224

Low Concentration yes/no

Sample

11-4

Media
Soil
Water

Lab
Davis + Floyd
DAVIS + FLOYD

Airbill No.
795C44523C
795C44523C

Sample

11-5

Media
Soil
Water

Lab
Betz Laboratories
BETZ LABORATORIES

Airbill No.
795C445241
795C445241

100# F4-9004-67
Date 6-5-90 To whom Greg Thomas
Time 16:00 " Where to map L
Location Drainage for soil cover of
area behind plant at edge of recreation area
Picture of drainage for SDOL

100# F4-9004-67
Date 6-5-90 To whom Greg Thomas
Time 16:15 " Where to map L
Location storage tank bottom
Picture of firehouse edge of pond &
cement drain & creek TP

F4-9004-67
6-5-90
16:30
3
Greg Thomas

Cement drain from rain water flow

42

F4-9004-67

b-5-40

16:45

pond used for firewater

500-3 J5002

Corey Thomas

R. R. W. A.
shallow map

F4-9004-67

b-5-40

17:45

standing by firehouse

5502, 5503 (working on)

Corey Thomas

F4-9004-67

b-5-40

18:30

+ 0:30 CTR by Firehouse

5502, 5503

Corey Thomas

COVERAGE

=====

STATE	COUNTY	STATE NAME	COUNTY NAME
-------	--------	------------	-------------

37	151	North Carolina	Randolph Co
----	-----	----------------	-------------

CENTER POINT AT STATE : 37 North Carolina
 COUNTY : 151 Randolph Co

Press RETURN key to continue...

REGION OF THE COUNTRY

=====

Zipcode found: 27203 at a distance of 3.0 Km

STATE	CITY NAME	COMMUNITY	FIPS CODE	LATITUDE	LONGITUDE
-----	-----	-----	-----	-----	-----
NC	ASHEBORO	FARMER	37151	35.7083	79.8117

Press RETURN key to continue ...

CENSUS DATA

=====

General Electric Co.

LATITUDE	35:40:55	LONGITUDE	79:49:15	2	1980 POPULATION
----------	----------	-----------	----------	---	-----------------

KM	0.00-.400	.400-.810	.810-1.60	1.60-3.20	3.20-4.80	4.80-6.40	SECTOR TOTALS
S 1	0	0	0	1541	1167	0	2708
S 2	0	0	0	2905	211	3377	6493
S 3	0	0	2094	0	867	0	2961
S 4	0	0	0	0	275	0	275
S 5	0	0	0	0	1466	29	1495
S 6	0	0	0	868	0	1362	2230
S 7	0	0	0	0	0	0	0
S 8	0	1119	0	595	0	1623	3337
RING TOTALS	0	1119	2094	5909	3986	6391	19499

Press RETURN key to continue ...

STAR STATION

=====

INDEX NUMBER	STATION NAME	LATITUDE DEGREE	LONGITUDE DEGREE	PERIOD OF STABILITY RECORD	STABILITY CLASSES	DISTANCE (km)
13723	GREENSBORO/GSO-HI NC	36.0833	79.9500			6 46.08
93807	WINSTON SALEM/S REYN	36.1333	80.2333			6 62.39
13714	FT BRAGG/POPE/FAYETT	35.1667	79.0167			6 92.61
13722	RALEIGH/RALEIGH-DURH	35.8667	78.7833			6 95.74
13728	DANVILLE VA	36.5667	79.3333			6107.59
13881	CHARLOTTE/DOUGLAS NC	35.2167	80.9333			6113.17
13744	FLORENCE/GILBERT SC	34.1833	79.7167			6166.77

Press RETURN key to continue ...

U.S. SOIL DATA

=====

STATE : NORTH CAROLINA

LATITUDE : 35:40:55 LONGITUDE : 79:49:15
 THE STATION IS NEAR THE BOUNDARY BETWEEN 3030003 AND 3040104

GROUND WATER ZONE	:	8	
RUNOFF SOIL TYPE	:	2	
EROSION	:	1.1950E-03	CM/MONTH
DEPTH TO GROUND WATER BETWEEN	:	9.1440E+02 AND 4.5720E+03	
FIELD CAPACITY FOR TOP SOIL	:	7.2000E-02	
EFFECTIVE POROSITY BETWEEN	:	1.0000E-02 AND 1.0000E-01	
SEEPAGE TO GROUNDWATER BETWEEN	:	4.6330E+02 AND 9.2660E+02	CM/MONTH
DISTANCE TO DRINKING WELL	:	2.0000E+04	CM

Press RETURN key to continue ...

U.S. CITY

=====

STATE	PLACE NAME	FIPS CODE	LATITUDE	LONGITUDE
NC	ASHEBORO	37151	35.7083	79.8117

Press RETURN key to continue ...

MENU: Geodata Handling Data List procedures

- | | |
|--|------------|
| 1. Site level retrieval of data | (SITERET) |
| 2. Access Census Data | (CENSUS) |
| 3. Determine County Coverage | (COVERAGE) |
| 4. Geographic Data Management | (GEODM) |
| 5. HUCODE/SOIL locator | (HUCODE) |
| 6. Convert to Lat/Long | (LATLON) |
| 7. Lookup/Examine Star Station Data | (STAR) |
| 8. Find US cities | (USCITY) |
| 9. Find Soil Survey Status of Counties | (SSURVEY) |

Enter an option number or a procedure name (in parentheses)
 or a command: HELP, HELP option, BACK, CLEAR, EXIT, TUTOR
 GEMS>

Enter an option number or a procedure name (in parentheses)
or a command: HELP, HELP option, BACK, CLEAR, EXIT, TUTOR
GEMS>

Enter an option number or a procedure name (in parentheses)
or a command: HELP, HELP option, BACK, CLEAR, EXIT, TUTOR
GEMS> EXIT

Type YES to confirm the EXIT command; type NO to restart GEMS
GEMS> YES

\$

\$ LOGOUT

WRT logged out at 10-OCT-1990 17:27:32.25

Itemized resource charges, for this session, follow:

NODE: VAXTM1

ACCT: NTIS

PROJ: NTISNUCN

USER: WRT

UIC: [000750,000112]

BAUD:

START TIME: 10-OCT-1990 17:23:13.49
FINISH TIME: 10-OCT-1990 17:27:32.25
BILLING PERIOD: 901001
WEEKDAY: WEDNESDAY
TERMINAL PORT: TXA1

DESCRIPTION OF CHARGE	QUANTITY	EXPENDITURE
ALL CHARGE LEVELS		
300 baud	(Seconds)	259
CPU TIME	(Seconds)	6
TOTAL FOR THIS SESSION		\$ 0.3333

NODE 3157 HOST 1038: DROPPED BY HOST
please log in: X

password:

ENDANGERED AND THREATENED SPECIES



U.S. FISH AND WILDLIFE SERVICE

REGION 4 - ATLANTA

CRITICAL HABITAT INDEX

- Alabama - Etheostoma boschungi, "slackwater darter"
 Peromyscus polionotus ammobates, "Alabama beach mouse"
 Peromyscus polionotus trissyllepsis, "Perdido Key beach mouse"
 Speoplatyrrhinus poulsoni, "Alabama cavefish"
- Arkansas - Percina pantherina, "leopard darter"
- Florida - Ammospiza maritima mirabilis, "Cape Sable sparrow"
 Ammospiza maritima nigrescens, "dusky seaside sparrow"
 Crocodylus acutus, "American crocodile"
 Peromyscus polionotus allophrys, "Choctawhatchee beach mouse"
 Peromyscus polionotus trissyllepsis, "Perdido Key beach mouse"
 Rostrhamus sociabilis plumbeus, "Everglade kite"
 Trichechus manatus, "Florida manatee"
- Georgia - Percina antecella, "amber darter"
 Percina jenkinsi, "Conasauga logperch"
- Kentucky - Myotis sodalis, "Indiana bat"
 Palaemonias ganteri, "Kentucky cave shrimp"
- Louisiana - No designations
- Mississippi - Grus canadensis pulla, "Mississippi sandhill crane"
- North Carolina - Hudsoria montana, "mountain golden heather"
 Hybopsis monacha, "spotfin chub"
 Menidia extensa, "Waccamaw silverside"

12/87

Federally Listed Species by State

NORTH CAROLINA

(E=Endangered; T=Threatened; CH=Critical Habitat determined)

Mammals

Bat, gray (Myotis grisescens) - E
Bat, Indiana (Myotis sodalis) - E
Bat, Virginia big-eared
 (Plecotus townsendii virginianus) - E
Cougar, eastern (Felis concolor cougar) - E
Manatee, West Indian (Trichechus manatus) - E
Shrew, Dismal Swamp southeastern
 (Sorex longirostris fisheri) - T

General Distribution

Extreme Southwest
West

Avery County
Entire state
Coastal waters

Dismal Swamp; Camden, Gates
Pasquotank and Perquimans
Counties

Squirrel, Carolina northern flying
 (Glaucomys sabrinus coloratus) - E

Western mountains
 (Yancy County)
Coastal waters
Coastal waters
Coastal waters
Coastal waters
Coastal waters

Whale, finback (Balaenoptera physalus) - E
Whale, humpback (Megaptera novaeangliae) - E
Whale, right (Balaena glacialis) - E
Whale, sei (Balaenoptera borealis) - E
Whale, sperm (Physeter catodon) - E

Birds

Eagle, bald (Haliaeetus leucocephalus) - E
Falcon, American peregrine
 (Falco peregrinus anatum) - E
Falcon, Arctic peregrine
 (Falco peregrinus tundrius) - T
Plover, piping (Charadrius melodus) - T
Stork, wood (Mycteria americana) - E
Warbler, Bachman's (Vermivora bachmanii) - E
Warbler, Kirtland's
 (Dendroica kirtlandii) - E

Entire state
Western mountains
Entire State
Coast
Coast
East

Woodpecker, ivory-billed
 (Campephilus principalis) - E
Woodpecker, red-cockaded
 (Picoides (=Dendrocopos) borealis) - E

* Southeast
East

NORTH CAROLINA (Cont'd)

State Lists 12/87

Reptiles

- Alligator, American
(*Alligator mississippiensis*) - T (S/A)*
Turtle, Kemp's (Atlantic) ridley
(*Lepidochelys kempii*) - E
Turtle, green (*Chelonia mydas*) - T
Turtle, hawksbill
(*Eretmochelys imbricata*) - E
Turtle, leatherback
(*Dermochelys coriacea*) - E
Turtle, loggerhead (*Caretta caretta*) - T

Coastal plain
Coastal waters
Coastal waters
Coastal waters
Coastal waters
Coastal waters
Coastal waters

Fishes

- Chub, spotfin (*Hybopsis monacha*) - T, CH
Shiner, Cape Fear (*Notropis mekistocholas*) - E, CH
Silverside, Waccamaw
(*Menidia extensa*) - T
Sturgeon, shortnose
(*Acipenser brevirostrus*) - E

Little Tennessee River,
Swain and Macon Counties
Randolph, Moore, Lee, and
Chatham Counties
Lake Waccamaw and Upper
Waccamaw R., Columbus County
Coastal rivers

Mollusks

- Mussel, Tar River spiny
(*Elliptio (Canthyrta) steinbachi*) - E
Snail, noonday
(*Mesodon clarki nantahala*) - T

Tar River, Edgecombe County;
Sandy Creek, Franklin County;
Swift Creek, Nash County
Swain County

Plants

- Hudsonia montana
(mountain golden heather) - T, CH
Isotria medeoloides
(small whorled pogonia) - E

Burke and McDowell Counties
Macon and Henderson
Counties

*Alligators are biologically neither endangered nor threatened. For law enforcement purposes they are classified as "Threatened due to Similarity of Appearance." Alligator hunting is regulated in accordance with State law.

NORTH CAROLINA (Cont'd)

State Lists 12/87

Liatris helleri (Heller's blazing
star) - T

Ashe, Avery, Caldwell,
Burke Counties
Bladen County

Lindera melissifolia (pondberry) - E
Lysimachia asperulaefolia
(rough-leaved loosestrife) - E

Carteret, Scotland,
Cumberland/Bladen,
Brunswick, Pender, and
Hoke Counties
Scotland County

Oxypolis canbyi (Canby's dropwort) - E

Henderson County

Sagittaria fasciculata
(bunched arrowhead) - E

Clay County

Sarracenia oreophila
(green pitcher plant) - E

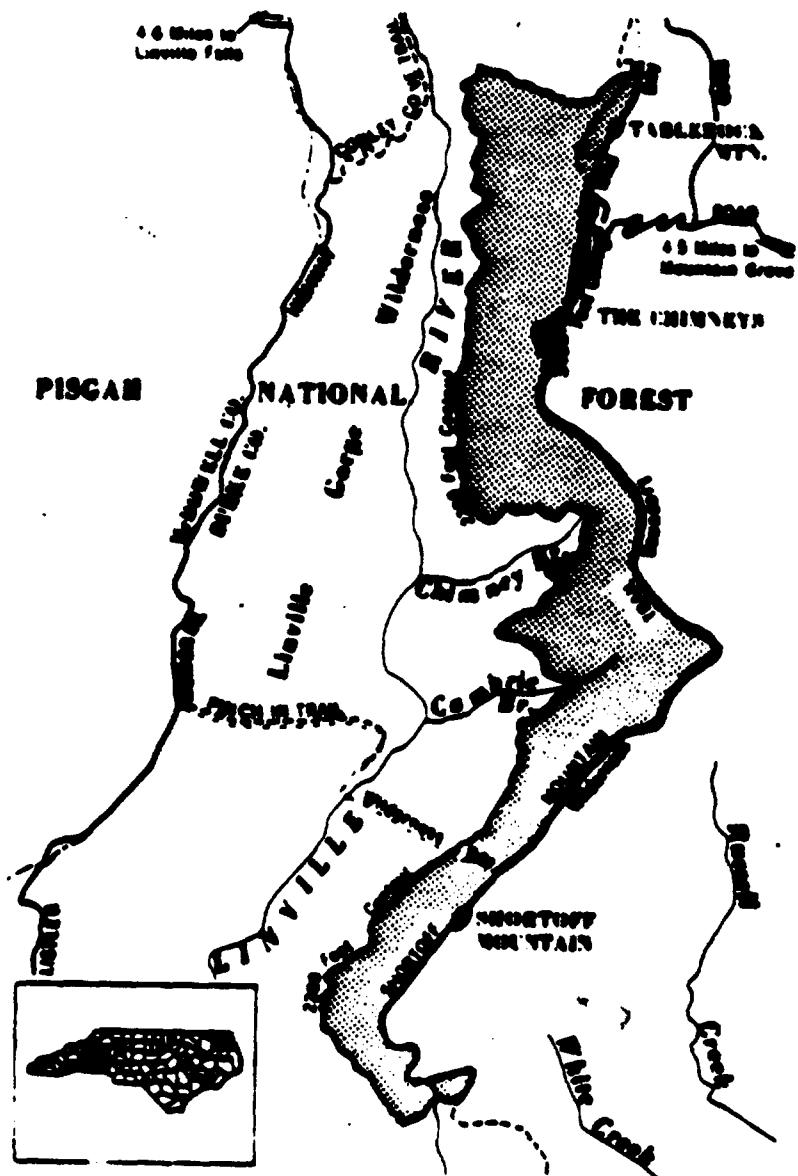
Avery and Mitchell Counties

Solidago spithamea
(Blue Ridge goldenrod) - T

NORTH CAROLINA - Critical Habitat

Hudsonia montana, "mountain golden heather"

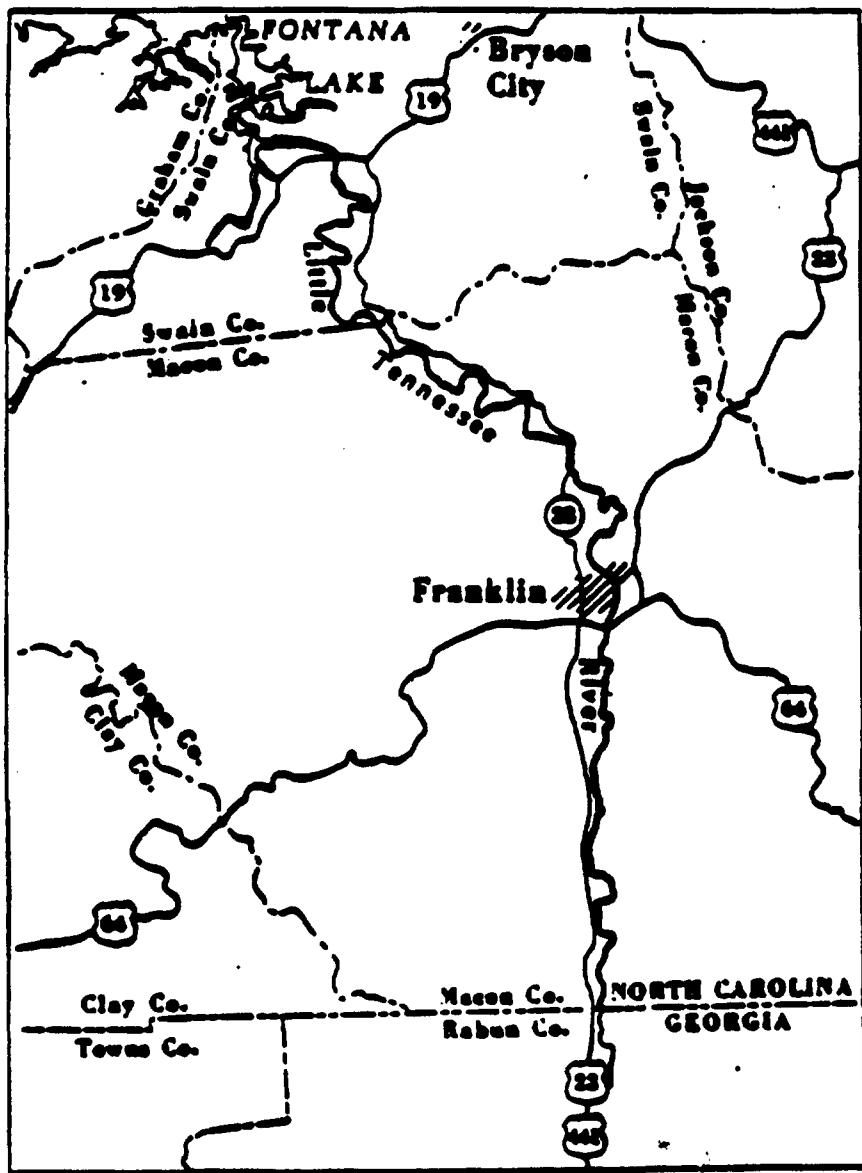
Burke County. The area bounded by the following: on the west by the 2200' contour; on the east by the Linville Gorge Wilderness Boundary north from the intersection of the 2200' contour and the Shortoff Mountain Trail to where it intersects the 3400' contour at "The Chimneys"--then follow the 3400' contour north until it reintersects the Wilderness Boundary--then follow the Wilderness Boundary again northward until it intersects the 3200' contour extending west from its intersection with the Wilderness Boundary until it begins to turn south--at this point the Boundary extends due east until it intersects the 2200' contour.



NORTH CAROLINA - Critical Habitat

Hybognathus monacha, "spotfin chub"

Macon and Swain Counties. Little Tennessee River, main channel from the backwaters of Fontana Lake upstream to the North Carolina-Georgia state line.

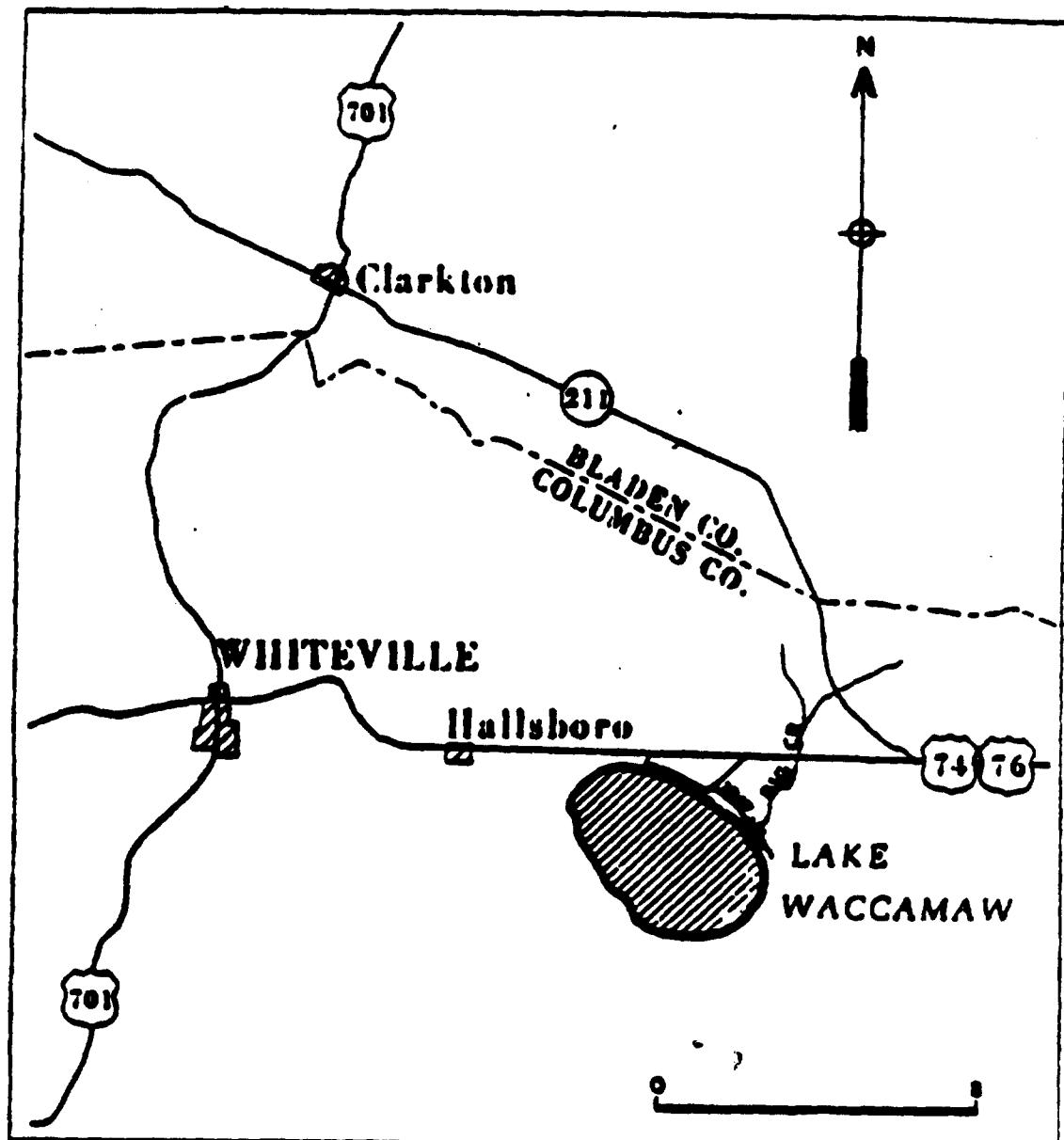


NORTH CAROLINA - Critical Habitat

Menidia extensa, "Waccamaw silverside"

Columbus County. Lake Waccamaw in its entirety to mean high water level, and Big Creek from its mouth at Lake Waccamaw upstream approximately 0.6 kilometer (0.4 mile) to where the creek is crossed by County Road 1947.

Constituent elements include high quality clear open water, with a neutral pH and clean sand substrate.

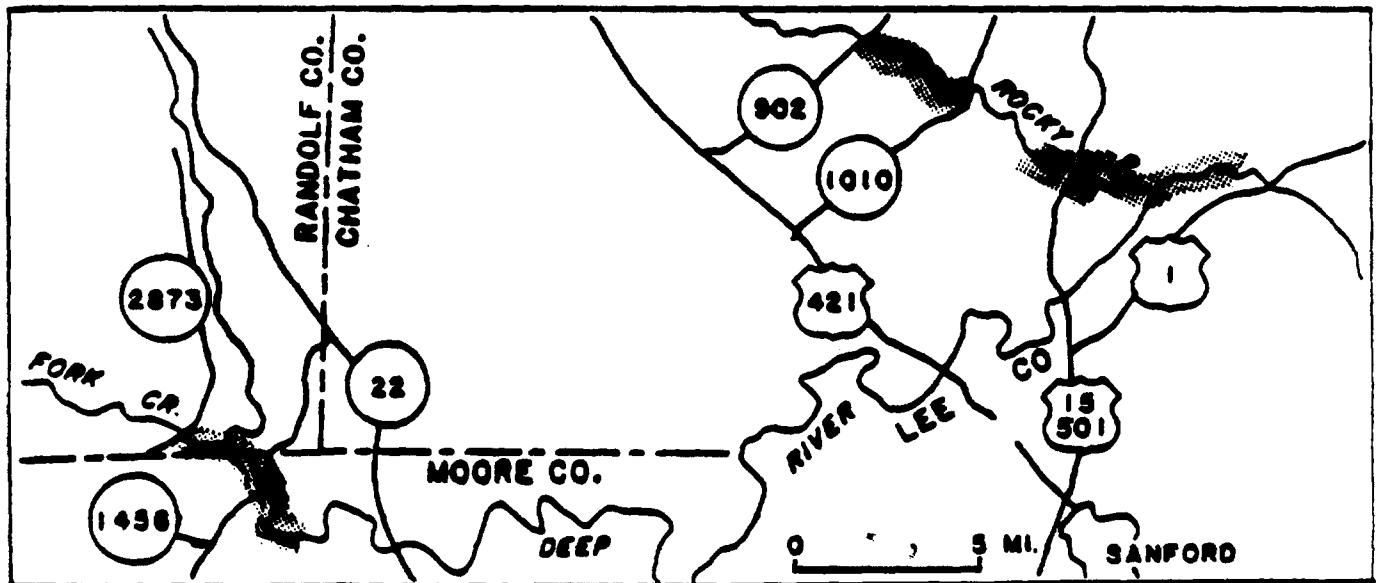


NORTH CAROLINA - Critical Habitat

Notropis makistocholas, "Cape Fear shiner"

- (1) Chatham County. Approximately 4.1 miles of the Rocky River from North Carolina State Highway 902 Bridge downstream to Chatham County Road 1010 Bridge;
- (2) Chatham and Lee Counties. Approximately 0.5 river mile of Bear Creek, from Chatham County Road 2156 Bridge downstream to the Rocky River, then downstream in the Rocky River (approximately 4.2 river miles) to the Deep River, then downstream in the Deep River (approximately 2.6 river miles) to a point 0.3 river mile below the Moncure, North Carolina, U.S. Geological Survey Gaging Station; and
- (3) Randolph and Moore Counties. Approximately 1.5 miles of Fork Creek, from a point 0.1 river mile upstream of Randolph County Road 2873 Bridge downstream to the Deep River then downstream approximately 4.1 river miles of the Deep River in Randolph and Moore Counties, North Carolina, to a point 2.5 river miles below Moore County Road 1456 Bridge.

Constituent elements include clean streams with gravel, cobble, and boulder substrates with pools, riffles, shallow runs and slackwater areas with large rock outcrops and side channels and pools with water of good quality with relatively low silt loads.





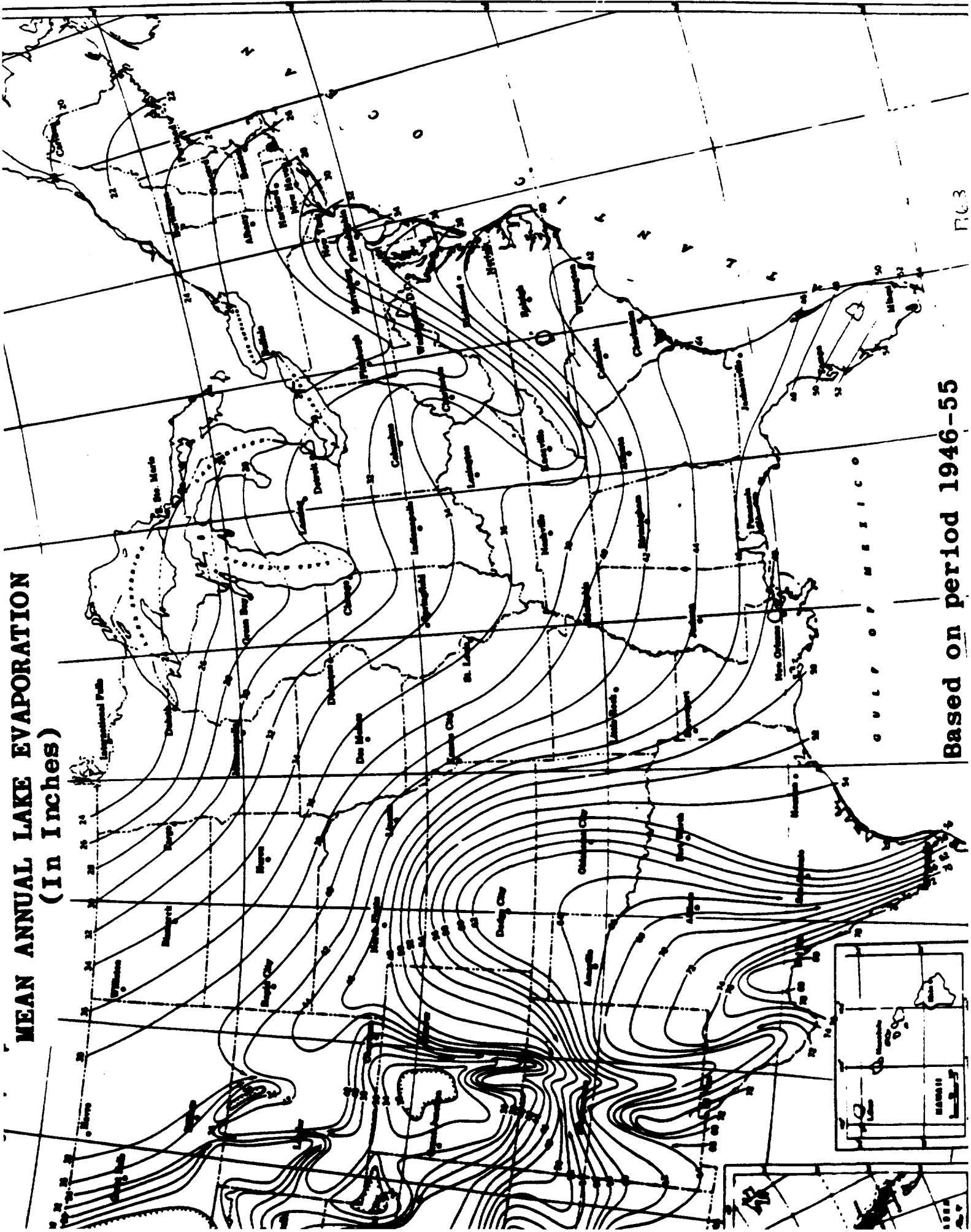
CLIMATIC ATLAS OF THE UNITED STATES

Cautious should be **interpolating** on the **realized maps**, part I.

၄၇၀



MEAN ANNUAL LAKE EVAPORATION
(In Inches)



Based on period 1946-55

Fig. 3

DEPARTMENT OF COMMERCE
HARRY S. TRUMAN

TECHNICAL PAPER NO. 40

RAINFALL FREQUENCY ATLAS OF THE UNITED STATES

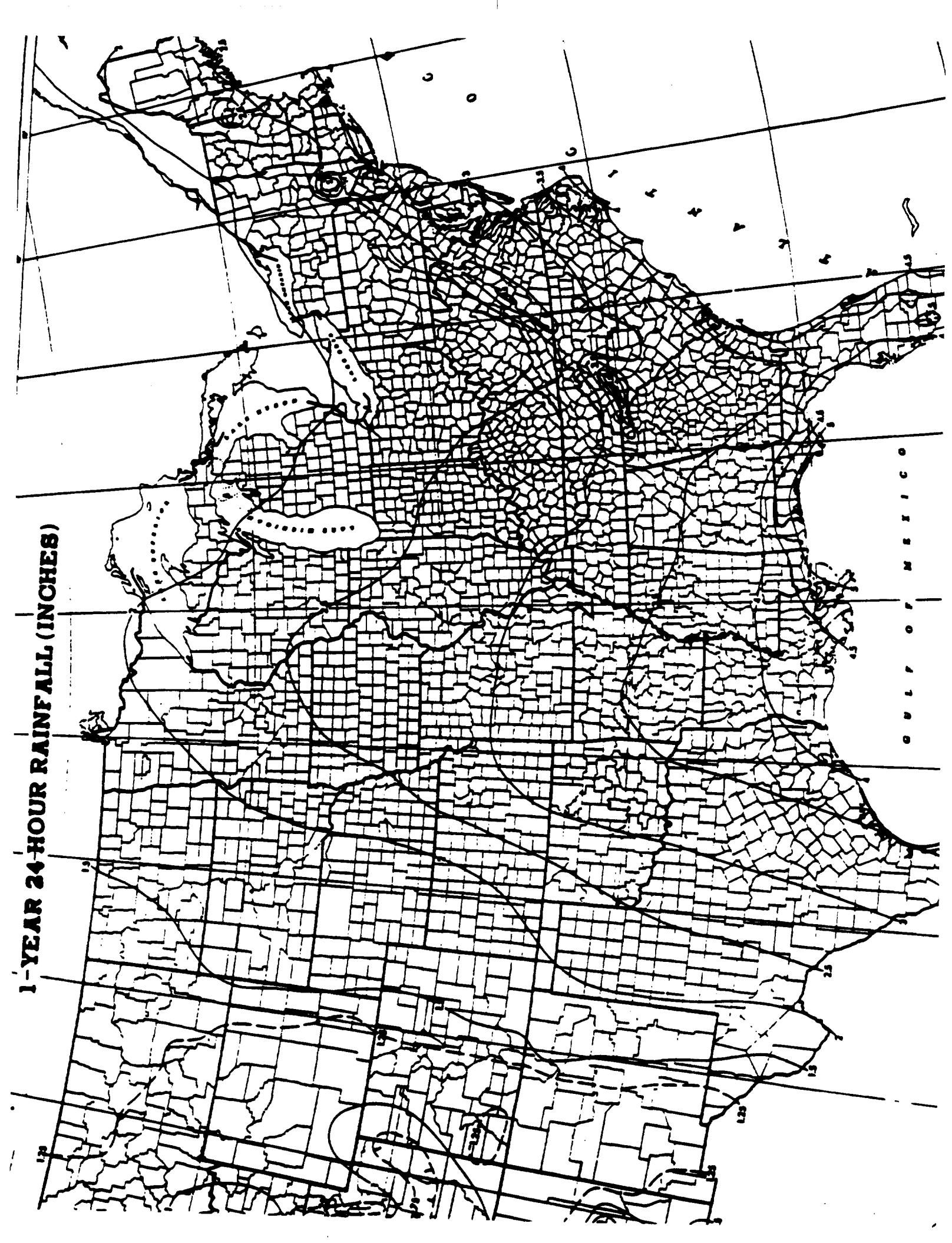
for Durations from 30 Minutes to 24 Hours and

Return Periods from 1 to 100 Years

Prepared by
DAVID M. BERSHFIELD
Cooperative Studies Section, Hydrologic Services Division
for
Engineering Division, Soil Conservation Service
U.S. Department of Agriculture



PROPERTY
OF



NUS CORPORATION AND SUBSIDIARIE**CONTROL NO.****DATE:** 10-11-90**TIME:** 1420**DISTRIBUTION:**

General Electric Co./Asheboro

BETWEEN: David Hughes**OF:** Asheboro Water Department
Engineering Department**PHONE:** (919) 626-1233**AND:** Tim Phillips, NUS Corporation*Tim Phillips***DISCUSSION:**

Mr. Hughes stated the water lines are basically the same as on our water line map of 1988 (8802-43). New lines are being put in to the west of Highway 202, north and south of Highway's 64 & 49. He stated that Asheboro obtains its water from Back Creek Lake, which is outside the 4-mile radius; and Lucas Lake, just south of Back Creek Lake. The people south of Asheboro along B.R.220 to Ulah are on private wells. No other water systems are in the area. There are no water intakes along the Little River, as it is basically a creek in size till far downstream. Little if any fishing occurs on the Little River.

NUS CORPORATION AND SUBSIDIARIES

REFERENCE # 13

TELECON NOTE

CONTROL NO.	DATE: 10-12-90	TIME: 1045
--------------------	-----------------------	-------------------

DISTRIBUTION:

General Electric Co./Asheboro

BETWEEN: Frank McBride	OF: North Carolina Wildlife Resources	PHONE: (919) 733-4984
-------------------------------	--	------------------------------

AND: Tim Phillips, NUS Corporation

Tim Phillips

DISCUSSION:

Mr. McBride stated the department has stocked crappie, spotted bass, and bream into the Little River south of SR1119 Road. This location is just south of the 15 mile pathway of General Electric. Most recreational boating and fishing occurs south of this point.

EXPLANATION OF SPECIES STATUS CODES

The attached output from the N.C. Natural Heritage Program database is a listing of the elements (rare species, geologic features, natural communities, special animal habitats) known to occur in your geographic area of interest. Following is an explanation of the four columns of status codes on the righthand side of the printout.

STATE STATUS

Plants:

From Sutter, R.D., L. Mansberg, and J.H. Moore. 1983. Endangered, threatened, and rare plant species of North Carolina: a revised list. ASB Bulletin 30:153-163, and updated lists of the Natural Heritage and Plant Conservation Programs.

E = Endangered

~~PP = Primary Proposed~~ C = Candidate

T = Threatened

SR = Significantly Rare

SC = Special Concern

E, T, and SC species are protected by state law (the Plant Protection and Conservation Act, 1979); the other two categories indicate rarity and the need for population monitoring, as determined by the Plant Conservation and Natural Heritage Programs.

Animals:

From Cooper, J.E., S.S. Robinson, and J.B. Funderburg (Eds.). 1977. Endangered and Threatened Plants and Animals of North Carolina. N.C. Museum of Natural History, Raleigh, NC. 444 pages + i-xvi, and updated lists of the Natural Heritage Program.

E = Endangered

SC = Special Concern

T = Threatened

UNK = Undetermined

SR = Significantly Rare

EX = Extirpated

FEDERAL STATUS

From Endangered & Threatened Wildlife and Plants, April 10, 1987. 50 CFR 17.11 & 17.12. Department of Interior. Established by the Endangered Species Act of 1973, as amended.

E = Taxa currently listed as Endangered

T = Taxa currently listed as Threatened

PE = Taxa currently proposed for listing as Endangered

PT = Taxa currently proposed for listing as Threatened

Taxa under review for possible listing ("candidate species"):

C1 = Taxa with sufficient information to support listing

C2 = Taxa without sufficient information to support listing

GLOBAL RANK (STATE RANK)

The Nature Conservancy's system of measuring rarity and threat status. "Global" refers to worldwide, "State" to statewide.

- G1 = Critically imperiled globally because of extreme rarity or otherwise very vulnerable to extinction throughout its range.
- G2 = Imperiled globally because of rarity or otherwise vulnerable to extinction throughout its range.
- G3 = Either very rare and local throughout its range, or found locally in a restricted area.
- G4 = Apparently secure globally, though it may be quite rare in parts of its range (especially at the periphery).
- G5 = Demonstrably secure globally, though it may be quite rare in parts of its range (especially at the periphery).
- GU = Possibly in peril but status uncertain; need more information.
- GX = Believed to be extinct throughout range.
- Q = a suffix attached to the Global Rank indicating questionable taxonomic status.
- T_ = an additional status for the subspecies or variety; the G rank then refers only to the species as a whole.

State rank codes follow the same definitions, except substitute the words, "in the state," for "globally" or "throughout its range."

06/30/89

Randolph

Page

1

NORTH CAROLINA NATURAL HERITAGE PROGRAM ELEMENT LIST

scientific and common name	state stat	fed stat	state rank	glob rank
	SC		S3	G5
HEMIDACTYLUM SCUTATUM FOUR-TOED SALAMANDER	T	LE	S1	G1
NOTROPIS MEKISTOCHOLAS CAPE FEAR SHINER			S4	G5
CHESTNUT OAK--SCARLET OAK FOREST			S5	G5
DRY OAK--HICKORY FOREST			S5	G5
DRY-MESIC OAK--HICKORY FOREST			S5	G5
MESIC MIXED HARDWOODS FOREST, PIEDMONT SUBTYPE			S4	G5TS
MONADNOCK				
ELLIFTIO LANCEOLATA YELLOW LANCE	SC		S4	
VILLOSA CONSTRICTA NOTCHED RAINBOW	SC		S3	
AMORPHA SCHWERINII SCHWERIN'S AMORPHA	PP		S2	G2G3
DENTARIA MULTIFIDA DIVIDED TOOTHWORT	SR		S1	G5Q

STATISTICAL ANALYSIS RELATING WELL YIELD TO CONSTRUCTION
PRACTICES AND SITING OF WELLS IN THE PIEDMONT AND
BLUE RIDGE PROVINCES OF NORTH CAROLINA

By Charles C. Daniel III

U.S. GEOLOGICAL SURVEY

Water Resources Investigations Report 86-4132

Prepared in cooperation with the
NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES
AND COMMUNITY DEVELOPMENT

Raleigh, North Carolina

1987

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COVER PHOTOGRAPH: Drilling of a test well in Guilford County near the Greensboro-High Point Regional Airport, December 16, 1982. Yield at time of photograph approximately 50 gallons per minute. (Photograph by Charles C. Daniel, U.S. Geological Survey.)

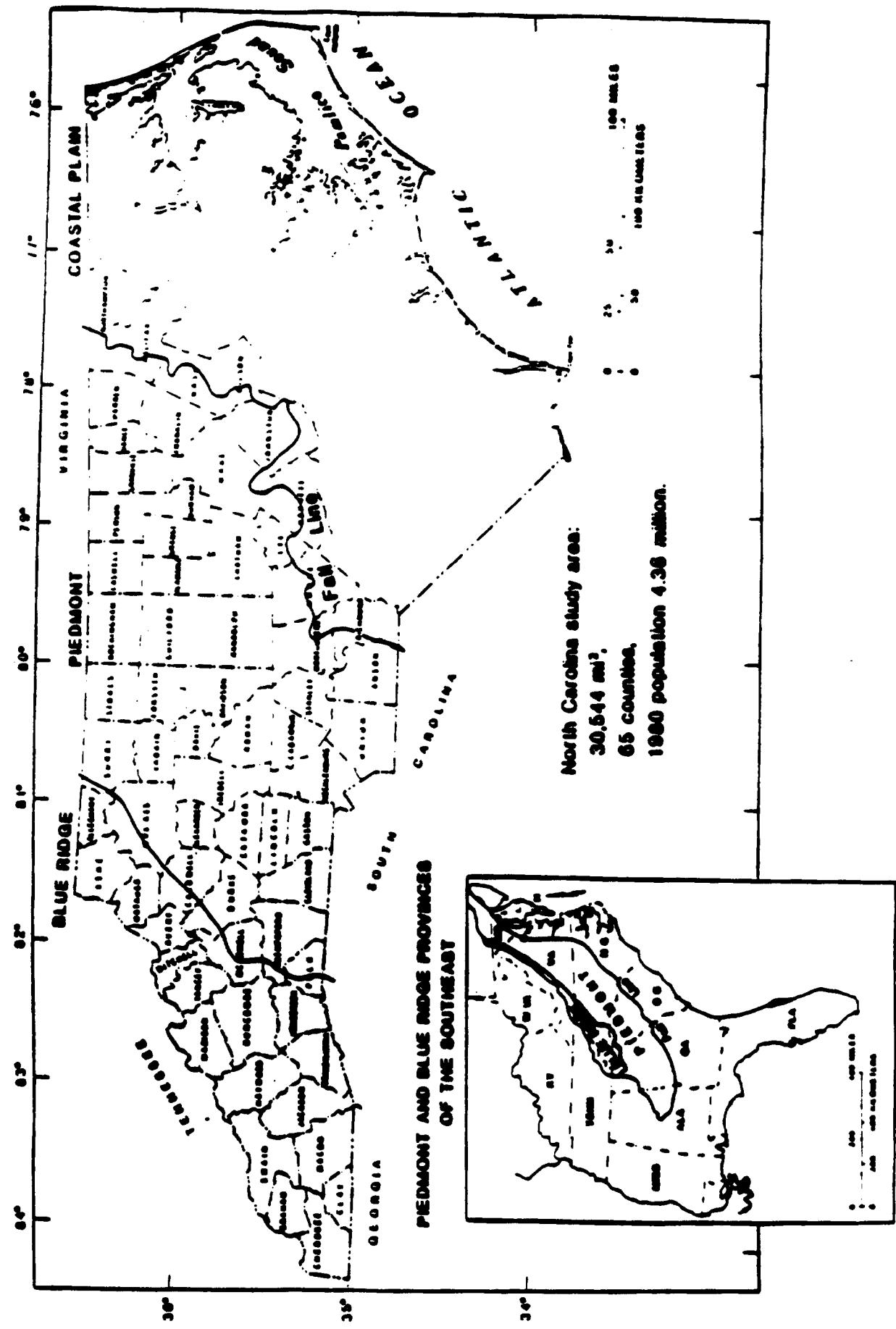


Figure 1.--Area of investigation showing counties and physiographic provinces.

The Blue Ridge province in western North Carolina contains the greatest mountain masses, highest altitudes, and the most rugged topography in eastern North America. The province is marked by steep, forest-covered slopes cut by numerous small stream valleys. More than 40 peaks are greater than 6,000 feet in altitude and another 82 peaks are between 5,000 and 6,000 feet in altitude (Conrad and others, 1975). The province is bounded on the west in Tennessee by the Ridge and Valley province. On the east the boundary of the Blue Ridge with the Piedmont province is marked by the escarpment of the Blue Ridge front, a prominent topographic feature thought in part to be associated with faulting. The Blue Ridge front rises more than 1,700 feet above the Piedmont surface at the North Carolina-Virginia border and reaches a maximum relief of nearly 2,500 feet in central North Carolina.

The topography of the Piedmont consists of low, well-rounded hills and long, rolling, northeast-trending ridges. The tops of many ridges and interstream divides are relatively flat. They are thought to be remnants of the Piedmont peneplain, an ancient erosional surface of low relief. More recent erosion and downcutting by streams has dissected the Piedmont peneplain, creating a local topographic relief of 100 to 200 feet between interstream divides and stream bottoms. The Piedmont surface is 300 to 600 feet in altitude along the eastern border and rises gradually to the west to about 1,500 feet in altitude at the foot of the Blue Ridge front.

Scattered across the rolling Piedmont surface are remnants of once higher mountains that because of their resistance to erosion stand as much as 500 to 1,600 feet above the local land surface. Some form prominent lines of hills. Others are isolated hills and mountains, called monadnocks, that stand alone above the Piedmont surface and, although more common in the western Piedmont, are found throughout the province.

The Piedmont is bounded on the east by the Fall Line where the hard crystalline rocks of the Piedmont give way to the softer sedimentary rocks of the Coastal Plain province. At the Fall Line, the swift-flowing streams of the Piedmont enter the Coastal Plain over a zone of rapids and low falls

Bedding and planes of metamorphic foliation generally are folded and tilted and can have almost any attitude and orientation. Fractures, bedding, and foliation create inhomogeneities in the rocks, with the result that permeability is usually greatest parallel to bedding and foliation and zones of fracture concentration, and least at right angles to the planes of these features.

Bedrock may be exposed at land surface on steep slopes, rugged hilltops, or in stream valleys, but nearly everywhere else is overlain by unconsolidated material to depths of more than a hundred feet. Collectively this unconsolidated material, which is composed of saprolite, alluvium, and soil, is referred to as regolith. Saprolite is clay-rich, residual material derived from in-place weathering of the bedrock. When the bedrock weathers to form saprolite, the relict structures generally are retained and the directional properties of permeability are also retained. In many valleys the saprolite has been removed by erosion, and bedrock is exposed or thinly covered by alluvial deposits. Soil is nearly everywhere present as a thin mantle on top of both the saprolite and alluvium. The water-storing and transmitting characteristics of bedrock and regolith and the hydrologic relation between them determines the water-supply potential of the ground-water system in the Piedmont and Blue Ridge provinces.

Hydrogeologic Units

Within the Piedmont and Blue Ridge of North Carolina there are hundreds of rock units which have been defined and named by various conventions more in keeping with classical geologic nomenclature than hydrologic terminology. The geologic nomenclature does little to reflect the water-bearing potential of the different units. To overcome this shortcoming and to reduce the number of rock units to the minimum necessary to reflect the differences in water-bearing potential, a classification scheme based on origin, composition, and texture was devised (table 1). The rationale behind the hydrogeologic units shown in table 1 is the hypothesis that these factors would be linked not only to a rock's primary porosity but also to its susceptibility to the development of secondary porosity in the form of

Table 4.--Average and median values of selected well characteristics according to topographic setting compared to statistics for all wells

Well characteristic	Topographic setting						All wells					
	Brow	Valley	Slope	Flat	Hill	Ridge	Average	First Quartile	Median	Last Quartile	Third Decile	Fourth Decile
Average yield ^{1/} (gallons per minute)	21.3	25.7	17.1	16.8	10.0	9.7	17.2	5	10	20	26	5,234
Median yield (gallons per minute)	20	15	10	10	6	6						
Average yield per foot (gallons per minute per foot)	.220	.265	.120	.111	.093	.086	.131	.018	.000	.163	.300	5,234
Median yield per foot (gallons per minute per foot)	.154	.163	.062	.063	.056	.056						
Average depth (feet)	175.1	157.8	152.6	150.0	150.2	152.0	154.0	95	119	179.5	207.4	5,234
Median depth (feet)	134	164	110	119	117	112						
Average casing (feet)	52.4	49.0	53.6	55.0	51.2	57.2	52.0	28	45	70	97	5,234
Median casing (feet)	46	46	47	50	41.5	42						
Average water level feet below land surface)	24.3	18.6	32.3	28.6	43.4	32.2	10	28	40	60	68	5,234
Median water level (feet below land surface)	20	15	28	25	34	40						
Average saturated thickness of regolith (feet)	31.7	35.4	21.6	27.5	20.5	10.4	26.0	0	15	40	65	2,161
Median saturated thickness of regolith (feet)	25	29	14	19	9	10.5						2,161

^{1/} Includes vertical differences in depth and diameter.

Table 5.--Summary statistics defining depth to water, casing depth, and saturated thickness of regolith according to topographic group in the Blue Ridge and Piedmont physiographic provinces [Statistics for wells penetrating bedrock beneath the western edge of the Coastal Plain sediments are given for comparison.]

Well characteristic	Blue Ridge					Piedmont					Coastal Plain ^{1/}	
	Draws and valleys	Slopes and flats	Hills and ridges	All wells	Number of wells	Draws and valleys	Slopes and flats	Hills and ridges	All wells	Number of wells	All wells	Number of wells
Average water level (feet below land surface)	23.4	37.5	62.9	37.1	507	22.1	29.3	36.8	31.3	2,326	18.8	145
Median water level (feet below land surface)	18	35	50	30	507	20	25	32	27	2,326	15	145
Average casing (feet)	50.1	57.7	66.6	56.8	698	52.7	53.2	50.0	52.0	2,685	71.7	293
Median casing (feet)	43	55	60	53.5	698	45	46	41	44	2,685	63	293
Average saturated thickness of regolith (feet)	32.2	27.6	20.8	28.0	422	33.6	24.6	20.4	24.0	1,749	47.7	112
Median saturated thickness of regolith (feet)	28	20	10	20	422	28	15	9	13	1,749	44.5	112

^{1/}Topography of bedrock surface cannot be determined. Influence of topography on well yield in Coastal Plain is unknown.

/S CORPORATION AND L**TELECON NOTE**

CONTROL NO:

DATE:

TIME:

October 27, 1987

1050

DISTRIBUTION:

File - Asheboro Municipal Landfill

BETWEEN:

Mr. W.W. Manus - Owner

OF:

W.W. Manus and
Sons Well Drilling

PHONE:

(919) 464-3633

AND:

Steve Walker, NUS Corporation *SW*

DISCUSSION:

Mr. Manus stated that most wells drilled by his company are around 150 feet deep with a few as shallow as 100 feet. Most of these private wells possess a flow rate of 3-5 gpm. Mr. Manus stated that his wells are cased (6") to bedrock, which is usually 30-40 feet below the surface.

He indicated that on very rare occasions, flowing artesian water may be encountered in Randolph County.

ACTION ITEMS:

**DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT
S. Thomas Rhodes, Secretary**

**Division of Land Resources
Stephen G. Conrad, Director and State Geologist**

Compiled by

**The North Carolina Geological Survey
Philip M. Brown, Chief Geologist**

**Edward R. Burt, III
P. Albert Carpenter, III
Rebecca M. Enos**

**Billie J. Flynt, Jr.
Patricia E. Gallagher**

**Charles W. Hoffman
Carl E. Merschat
William F. Wilson**

and

**John M. Parker, III
State Geologic Map Coordinator
in association with
The State Geologic Map Advisory Committee**

**Charles C. Almy, Jr.
J. Robert Butler
Paul D. Fullagar
Richard Goldsmith
Robert D. Hatcher, Jr.
S. Duncan Heron, Jr.**

**J. Wright Horton, Jr.
Roy L. Ingram
Stuart W. Maher
Richard L. Mauger
James A. Miller
Loren A. Raymond**

**Thomas E. Shufflebarger, Jr.
Norman F. Sohl
Scott W. Snyder
Edward F. Stoddard
Frederick M. Swain
Daniel A. Textoris**

**Paul A. Thayer
H. D. Wagener
Lauck W. Ward
Walter H. Wheeler
Steven P. Yurkovich
Victor A. Zullo**



E OF NORTH CAROLINA

MES G. MARTIN, GOVERNOR

AND MILTON BELTS

MORPHIC ROCKS

NEISS — Massive to strongly foliated; minor interlayered with biotite and hornblende gneiss

HIST — Inequigranular and megacrystic; abundant garnet; interlayered and gradational with mica-schist, mica schist, and amphibolite, of granitic rock

Interbedded felsic to mafic tuffs and flowrock

OCK — Metamorphosed basaltic to andesitic green to black. Locally includes hypabyssal mafic metavolcanic rock

ROCK — Metamorphosed dacitic to rhyolitic gray to greenish gray; minor mafic and intermediate

well foliated; contains andalusite, kyanite, or pyrite

Minor biotite, pyrite, and sillimanite; includes

INTRUSIVE ROCKS

black

Devonian to Permian, 265-325 my; 11) — Granular. Churchland Plutonic Suite (Western endis, and Mooresville intrusives

PLUTONIC SUITE (Devonian to Silurian, 385- massive to weakly foliated. Gold Hill, Kannapolis, and Yadkin intrusives

PLUTONIC SUITE (Silurian, 404 my; 9) — Intrusive dike

PLUTONIC SUITE (Devonian to Ordovician, 399- Concord, Farmington, Mecklenburg, and Wed-

ddy pinkish gray, massive to weakly foliated;

EISS (Silurian, 429 my; 21) — Poorly foliated, interz monzonitic gneiss

ARTZ DIORITE — Foliated to massive

GABRO AND DIORITE — Foliated to massive

MAFIC ROCK — Metagabbro, metadiorite, and complexes

CK — Metamorphosed dunite and peridotite; e. and other altered ultramafic rock. Only larger

ANITIC ROCK — Megacrystic, well foliated; inter-

CAROLINA SLATE BELT

METAMORPHIC ROCKS

CZY

YADKIN FORMATION — Metamorphosed graywacke, volcanic sandstone, and siltstone; interbedded with mafic and intermediate metavolcanic flows and tuffs

CZmd

METAMUDSTONE AND META-ARGILLITE — Thin to thick bedded, bedding plane and axial-planar cleavage common; interbedded with meta-sandstone, metaconglomerate, and metavolcanic rock
CZmd₃ - Floyd Church Formation
CZmd₂ - Cid Formation
CZmd₁ - Tillery Formation } (southwest of Asheboro)

CZmv

MAFIC METAVOLCANIC ROCK — Metamorphosed basaltic flows and tuffs, dark green to black; interbedded with felsic and intermediate metavolcanic rock and metamudstone
CZmv₁ - Cid Formation (southwest of Asheboro)

CZfv

FELSIC METAVOLCANIC ROCK — Metamorphosed dacitic to rhyolitic flows and tuffs, light gray to greenish gray; interbedded with mafic and intermediate metavolcanic rock, meta-argillite, and metamudstone
CZfv₂ - Cid Formation (southwest of Asheboro)
CZfv₁ - Uwharrie Formation (at Asheboro and to south)

CZiv

INTERMEDIATE METAVOLCANIC ROCK — Metamorphosed andesitic tuffs and flows, medium to dark grayish green; minor felsic and mafic metavolcanic rock

CZph

METAVOLCANIC ROCK — Interbedded felsic to mafic tuffs and flowrock

CZph

METAVOLCANIC-EPICLASTIC ROCK — Metamorphosed argillite, mudstone, volcanic sandstone, conglomerate, and volcanic rock

CZph

VOLCANIC METACONGLOMERATE — Includes metagraywacke and metamudstone

CZph

PHYLLITE AND SCHIST — Locally laminated and pyritic; includes phyllonite, sheared fine-grained metasediment, and metavolcanic rock. In Lilesville granite aureole, includes hornfels (CZph₁), and biotite gneiss and schist (CZbg)

INTRUSIVE ROCKS

Jd

DIABASE — Dikes, gray to black

PPg

GRANITIC ROCK (Pennsylvanian to Permian, 265-325 my, 11) — Megacrystic to equigranular. Lilesville granite

PEE DEE GABBRO

(Pennsylvanian, 314 my; 21) — Dark gray to black, medium to fine grained, massive

PQd

METAMORPHOSED QUARTZ DIORITE — Foliated to massive

PPd

METAMORPHOSED GABBRO AND DIORITE — Foliated to massive

PPd

METAMORPHOSED MAFIC ROCK — Metagabbro, metadiorite, and mafic plutonic-volcanic complexes

PPd

META-ULTRAMAFIC ROCK — Metamorphosed dunite and peridotite, serpentinite, soapstone, and other altered ultramafic rock. Only larger bodies shown

CZg

METAMORPHOSED GRANITIC ROCK (Late Proterozoic to late Cambrian 520-650 my; 3,21,9,23,28,15) — Megacrystic, well foliated; locally contains hornblende. Chapel Hill, Chatham, Farrington, Meadow Flats Mt. Moriah, Parks Crossroads plutons, and Roxboro and Vance Count

EPA-600/2-87-035
April 1987

**DRASTIC: A Standardized System for Evaluating
Ground Water Pollution Potential Using
Hydrogeologic Settings**

by

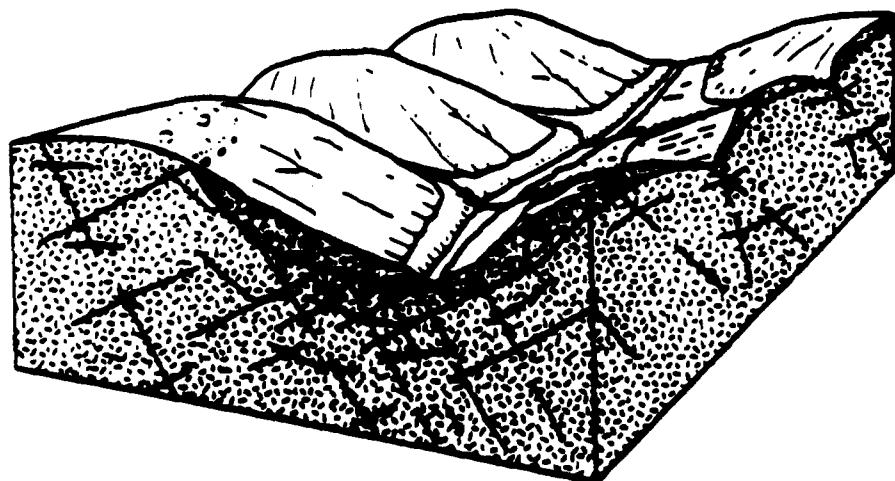
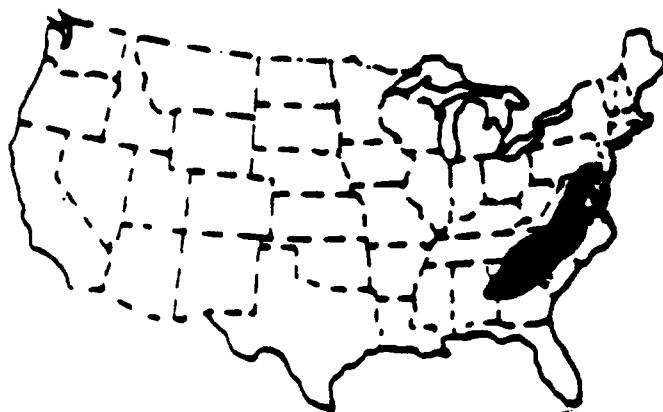
Linda Aller
Truman Bennett
Jay H. Lehr
Rebecca J. Petty
and
Glen Hackett
National Water Well Association
Dublin, Ohio 43017

Cooperative Agreement CK-810715-01

Project Officer
Jerry Thornhill
Applications and Assistance Branch
Robert S. Kerr Environmental Research Laboratory
Ada, Oklahoma 74820

**ROBERT S. KERR ENVIRONMENTAL RESEARCH LABORATORY
OFFICE OF RESEARCH AND DEVELOPMENT
U.S. ENVIRONMENTAL PROTECTION AGENCY
ADA, OKLAHOMA 74820**

8. PIEDMONT BLUE RIDGE GROUND-WATER REGION



8A	Mountain Slopes
8B	Alluvial Mountain Valleys
8C	Mountain Flanks
8D	Regolith
8E	River Alluvium
8F	Mountain Crests
8G	Swamp/Marsh

8. PIEDMONT BLUE RIDGE REGION

(Thick regolith over fractured crystalline and metamorphosed sedimentary rocks)

The Piedmont and Blue Ridge region is an area of about 247,000 km² extending from Alabama on the south to Pennsylvania on the north. The Piedmont part of the region consists of low, rounded hills and long, rolling, northeast-southwest trending ridges whose summits range from about a hundred meters above sea level along its eastern boundary with the Coastal Plain to 500 to 600 m along its boundary with the Blue Ridge area to the west. The Blue Ridge is mountainous and includes the highest peaks east of the Mississippi. The mountains, some of which reach altitudes of more than 2,000 m, have smooth-rounded outlines and are bordered by well-graded streams flowing in relatively narrow valleys.

The Piedmont and Blue Ridge region is underlain by bedrock of Precambrian and Paleozoic age consisting of igneous and metamorphosed igneous and sedimentary rocks. These include granite, gneiss, schist, quartzite, slate, marble, and phyllite. The land surface in the Piedmont and Blue Ridge is underlain by clay-rich, unconsolidated material derived from *in situ* weathering of the underlying bedrock. This material, which averages about 10 to 20 m in thickness and may be as much as 100 m thick on some ridges, is referred to as saprolite. In many valleys, especially those of larger streams, flood plains are underlain by thin, moderately well-sorted alluvium deposited by the streams. When the distinction between saprolite and alluvium is not important, the term regolith is used to refer to the layer of unconsolidated deposits.

The regolith contains water in pore spaces between rock particles. The bedrock, on the other hand, does not have any significant intergranular porosity. It contains water, instead, in sheetlike openings formed along fractures (that is, breaks in the otherwise "solid" rock). The hydraulic conductivities of the regolith and the bedrock are similar and range from about 0.001 to 1 m day⁻¹. The major difference in their water-bearing characteristics is their porosities, that of regolith being about 20 to 30 percent and that of the bedrock about 0.01 to 2 percent. Small supplies of water adequate for domestic needs can be obtained from the regolith through large-diameter bored or dug wells. However, most wells, especially those where moderate supplies of water are needed, are relatively small in diameter and are cased through the regolith and finished with open holes in the bedrock. Although, as noted, the hydraulic conductivity of the bedrock is similar to that of the regolith, bedrock wells generally have much larger yields than regolith wells because, being deeper, they have a much larger available drawdown.

REFERENCE # 19



R. Allan Freeze

Department of Geological Sciences
University of British Columbia
Vancouver, British Columbia

John A. Cherry

Department of Earth Sciences
University of Waterloo
Waterloo, Ontario

GROUNDWATER

Prentice-Hall, Inc.
Englewood Cliffs, New Jersey 07632

Table 2.2 Range of Values of Hydraulic Conductivity and Permeability

Rocks	Unconsolidated deposits	K (darcy)	k (cm ²)	K' (cm/s)	K'' (m/s)	K''' (gal/day/ft ²)	K''''
Karst limestone	Gravel	10^3	10^{-3}	10^2	1	10^6	
Permeable basalt		10^4	10^{-4}	10	10^{-1}	10^5	
Fractured igneous and metamorphic rocks		10^3	10^{-3}	1	10^{-2}	10^4	
Limestone and dolomite		10^2	10^{-6}	10^{-1}	10^{-3}	10^3	
Sandstone	Clean sand	10	10^{-7}	10^{-2}	10^{-4}	10^3	
Unfractured metamorphic and igneous rocks	Silty sand	1	10^{-8}	10^{-3}	10^{-6}	10^2	
Shale	Unweathered	10^{-1}	10^{-9}	10^{-4}	10^{-6}	10	
	Moraine	10^{-2}	10^{-10}	10^{-5}	10^{-7}	1	
	Clay	10^{-3}	10^{-11}	10^{-6}	10^{-8}	10^{-1}	
	Glacial till	10^{-4}	10^{-12}	10^{-7}	10^{-9}	10^{-2}	
		10^{-5}	10^{-13}	10^{-8}	10^{-10}	10^{-3}	
		10^{-6}	10^{-14}	10^{-9}	10^{-11}	10^{-4}	
		10^{-7}	10^{-15}	10^{-10}	10^{-12}	10^{-5}	
		10^{-8}	10^{-16}	10^{-11}	10^{-13}	10^{-6}	
						10^{-7}	

Table 2.3 Conversion Factors for Permeability and Hydraulic Conductivity Units

	Permeability, k^a			Hydraulic conductivity, K		
	cm ²	ft ²	darcy	m/s	ft/s	U.S. gal/day/ft ²
cm ²	1	1.08×10^{-3}	1.01×10^0	9.80×10^3	3.22×10^3	1.85×10^6
ft ²	9.29×10^3	1	9.42×10^{10}	9.11×10^3	2.99×10^6	1.71×10^{12}
darcy	9.87×10^{-9}	1.06×10^{-11}	1	9.66×10^{-6}	3.17×10^{-3}	1.82×10^1
m/s	1.02×10^{-3}	1.10×10^{-6}	1.04×10^0	1	3.28	2.12×10^6
ft/s	3.11×10^{-6}	3.35×10^{-12}	3.15×10^4	3.03×10^{-1}	1	6.46×10^3
U.S. gal/day/ft ²	9.42×10^{-10}	5.83×10^{-13}	5.49×10^{-2}	4.72×10^{-6}	1.33×10^{-6}	1

^aTo obtain k in ft², multiply k in cm² by 1.08×10^{-3} .

APPENDIX A
Topographic Map

OVERSIZED

DOCUMENT

APPENDIX B
Analytical Results

ANALYTICAL DATA TRACKING SHEET

SITE NAME: General Electric Co.
LOCATION: Asheboro NC
DATE SAMPLED: 1-5-90

TDD NO.: F4-9005-36
PROJECT NO.: 90-525
CASE NO.: 14224
DATA SET COMPLETED: 9-12-9

Soil/Sediment Samples

Water Samples.

PROJECT MANAGER

G. Thomas
D. Cohen

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

SPECIFIED ANALYSIS DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47005 SAMPLE TYPE: PROG ELEM: NSF COLLECTED BY: G THOMAS **
** SOURCE: CITY: ASHEBORO ST: NC **
** STATION ID: SB-01 COLLECTION START: 06/05/90 1130 STOP: 00/00/00 **
** CASE NO.: 14224 SAS NO.: D. NO.: W035 MD NO: W035 **

RESULTS UNITS PARAMETER
1.2U MG/KG CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47007 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS ***
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC **
** STATION ID: SB-02 COLLECTION START: 06/05/90 1555 STOP: 00/00/00 **
** CASE NO.: 14224 SAS NO.: D. NO.: W038 MD NO: W03B **

RESULTS UNITS PARAMETER
1.3U MG/KG CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

SPECIFIED ANALYSIS DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47009 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
** STATION ID: SB-03 COLLECTION START: 06/05/90 1615 STOP: 00/00/00
** CASE NO.: 14224 SAS NO.: D. NO.: W040 MD NO.: W040
**

RESULTS UNITS PARAMETER
1.3U MG/KG CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

SPECIFIED ANALYSIS DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47010 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS **
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC **
** STATION ID: SD-01 COLLECTION START: 06/05/90 1335 STOP: 00/00/00 **
** CASE NO.: 14224 SAS NO.: D. NO.: W041 MD NO.: W041 **
**

RESULTS UNITS PARAMETER
1.3U MG/KG CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

SPECIFIED ANALYSIS DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47011 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS **
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC **
** STATION ID: SD-02 COLLECTION START: 06/05/90 1415 STOP: 00/00/00 **
** CASE NO.: 14224 SAS NO.: D. NO.: W042 MD NO: W042 **
** ***

RESULTS UNITS PARAMETER
1.3U MG/KG CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47012 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
** SOURCE: CITY: ASHEBORO ST: NC
** STATION ID: SD-03 COLLECTION START: 06/05/90 1445 STOP: 00/00/00
** CASE NO.: 14224 SAS NO.: D. NO.: W043 MD NO: W043
**

RESULTS UNITS PARAMETER
1.4U MG/KG CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47004 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
*** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
*** STATION ID: SS-01 COLLECTION START: 06/05/90 1110 STOP: 00/00/00
*** CASE NO.: 14224 SAS NO.: D. NO.: W034 MD NO.: W034

RESULTS UNITS PARAMETER
1.2U MG/KG CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47006 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS **
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC **
** STATION ID: SS-02 COLLECTION START: 06/05/90 1525 STOP: 00/00/00 **
** CASE NO.: 14224 SAS NO.: D. NO.: W036 MD NO: W036 **
**

RESULTS UNITS PARAMETER
1.2U MG/KG CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47008 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
** STATION ID: SS-03 COLLECTION START: 06/05/90 1540 STOP: 00/00/00
** CASE NO.: 14224 SAS NO.: D. NO.: W039 MD NO.: W039
**

RESULTS UNITS PARAMETER
1.2U MG/KG CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT

07/30/90

*** PROJECT NO. 90-525 SAMPLE NO. 47005 SAMPLE TYPE: PROG ELEM: NSF COLLECTED BY: G THOMAS
*** SOURCE: CITY: ASHEBORO ST: NC
*** STATION ID: SB-01 COLLECTION START: 06/05/90 1130 STOP: 00/00/
*** CASE NUMBER: 14224 MD NUMBER: W035

MG/KG	
8800	ALUMINUM
5.1UJ	ANTIMONY
3UJ	ARSENIC
20	BARIUM
.24U	BERYLLIUM
.73U	CADMIUM
31OU	CALCIUM
6	CHROMIUM
3U	COBALT
20UJ	COPPER
7700	IRON
8	LEAD
23OU	MAGNESIUM

ANALYTICAL RESULTS

* * * * * ANALYTICAL RESULTS

MG/KG	
20U	MANGANESE
0.11U	MERCURY
1.2U	NICKEL
110U	POTASSIUM
.49U	SELENIUM
.49U	SILVER
340U	SODIUM
.49U	THALLIUM
NA	TIN
16	VANADIUM
10U	ZINC
18	PERCENT MOISTURE

*****REMARKS*****

*****REMARKS*****

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

METALS DATA REPORT

 ** PROJECT NO. 90-525 SAMPLE NO. 47007 SAMPLE TYPE: SOIL
 ** SOURCE: GENERAL ELECTRIC CO
 ** STATION ID: SB-02
 ** CASE NUMBER: 14224
 ** SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: G THOMAS
 CITY: ASHEBORO ST: NC
 COLLECTION START: 06/05/90 1555 STOP: 00/00/00
 MD NUMBER: W038

MG/KG	ANALYTICAL RESULTS
21000	ALUMINUM
5.6UJ	ANTIMONY
2.8J	ARSENIC
130	BARIUM
1U	BERYLLIUM
.79U	CADMIUM
120U	CALCIUM
6	CHROMIUM
2U	COBALT
30UJ	COPPER
22000	IRON
13	LEAD
770U	MAGNESIUM

MG/KG	ANALYTICAL RESULTS
88	MANGANESE
.12U	MERCURY
4U	NICKEL
130	POTASSIUM
1U	SELENIUM
.53U	SILVER
60U	SODIUM
.53U	THALLIUM
NA	TIN
22	VANADIUM
18	ZINC
24	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

METALS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47009 SAMPLE TYPE: SOIL
 ** SOURCE: GENERAL ELECTRIC CO PROG ELEM: NSF COLLECTED BY: G THOMAS
 ** STATION ID: SB-03 CITY: ASHEBORO ST: NC
 ** CASE NUMBER: 14224 COLLECTION START: 06/05/90 1615 STOP: 00/00/00
 **
 ** MG/KG SAS NUMBER:
 **

MG/KG	ANALYTICAL RESULTS
20000	ALUMINUM
5.3UJ	ANTIMONY
5.6J	ARSENIC
49	BARIUM
.25U	BERYLLIUM
.76U	CADMIUM
40U	CALCIUM
7	CHROMIUM
1.3U	COBALT
20UJ	COPPER
20000	IRON
25	LEAD
380U	MAGNESIUM

MG/KG	ANALYTICAL RESULTS
41	MANGANESE
.12U	MERCURY
1.3U	NICKEL
110U	POTASSIUM
.51U	SELENIUM
.51U	SILVER
50U	SODIUM
.51U	THALLIUM
NA	TIN
19	VANADIUM
20U	ZINC
21	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

METALS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47010 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
 ** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
 ** STATION ID: SD-01 COLLECTION START: 06/05/90 1335 STOP: 00/00/00
 ** CASE NUMBER: 14224 MD NUMBER: W041
 **

MG/KG	ANALYTICAL RESULTS
14000	ALUMINUM
5.4UJ	ANTIMONY
12J	ARSENIC
36	BARIUM
.26U	BERYLLIUM
.78U	CADMIUM
200U	CALCIUM
17	CHROMIUM
1.3U	COBALT
30UJ	COPPER
28000	IRON
20	LEAD
930U	MAGNESIUM

MG/KG	ANALYTICAL RESULTS
150	MANGANESE
.12U	MERCURY
1.3U	NICKEL
520	POTASSIUM
1U	SELENIUM
.52U	SILVER
50U	SODIUM
.52U	THALLIUM
NA	TIN
48	VANADIUM
20U	ZINC
23	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

METALS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47011 SAMPLE TYPE: SOIL
** SOURCE: GENERAL ELECTRIC CO
** STATION ID: SD-02
** CASE NUMBER: 14224 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: G THOMAS
CITY: ASHEBORO ST: NC
COLLECTION START: 06/05/90 1415 STOP: 00/00/00
MD NUMBER: W042

MG/KG	ANALYTICAL RESULTS
3200	ALUMINUM
5.5UJ	ANTIMONY
2UJ	ARSENIC
17	BARIUM
.26U	BERYLLIUM
.79U	CADMIUM
940U	CALCIUM
4.6	CHROMIUM
5U	COBALT
20UJ	COPPER
7300	IRON
13	LEAD
1100U	MAGNESIUM

MG/KG	ANALYTICAL RESULTS
64	MANGANESE
1.6	MERCURY
4	NICKEL
380	POTASSIUM
.52U	SELENIUM
.52U	SILVER
60U	SODIUM
.52U	THALLIUM
NA	TIN
12	VANADIUM
49	ZINC
24	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

METALS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47012 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS **
 ** SOURCE: CITY: ASHEBORO ST: NC **
 ** STATION ID: SD-03 COLLECTION START: 06/05/90 1445 STOP: 00/00/00 **
 ** CASE NUMBER: 14224 MD NUMBER: W043 **
 **

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
8900	ALUMINUM	110	MANGANESE
6UJ	ANTIMONY	.14U	MERCURY
3.2J	ARSENIC	4.4	NICKEL
36	BARIUM	500	POTASSIUM
.29U	BERYLLIUM	.57U	SELENIUM
.86U	CADMIUM	.57U	SILVER
910U	CALCIUM	60U	SODIUM
8.2	CHROMIUM	.57U	THALLIUM
10U	COBALT	NA	TIN
30UJ	COPPER	23	VANADIUM
13000	IRON	20U	ZINC
16	LEAD	30	PERCENT MOISTURE
1500U	MAGNESIUM		

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

METALS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47004 SAMPLE TYPE: SOIL
** SOURCE: GENERAL ELECTRIC CO
** STATION ID: SS-01
** CASE NUMBER: 14224 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: G THOMAS
CITY: ASHEBORO ST: NC
COLLECTION START: 06/05/90 1110 STOP: 00/00/00
MD NUMBER: W034

MG/KG	ANALYTICAL RESULTS
16000	ALUMINUM
5.1U	ANTIMONY
4J	ARSENIC
56	BARIUM
1U	BERYLLIUM
73U	CADMIUM
790U	CALCIUM
22	CHROMIUM
5U	COBALT
50UJ	COPPER
35000	IRON
34	LEAD
1200U	MAGNESIUM

MG/KG	ANALYTICAL RESULTS
120	MANGANESE
.10U	MERCURY
2.7	NICKEL
220	POTASSIUM
.48U	SELENIUM
.48U	SILVER
.50U	SODIUM
.48U	THALLIUM
NA	TIN
56	VANADIUM
21	ZINC
17	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

METALS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47006 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
 ** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
 ** STATION ID: SS-02 COLLECTION START: 06/05/90 1525 STOP: 00/00/00
 ** CASE NUMBER: 14224 MD NUMBER: W036
 **

MG/KG ANALYTICAL RESULTS

13000	ALUMINUM
4.8UJ	ANTIMONY
8.4J	ARSENIC
17	BARIUM
.23U	BERYLLIUM
.69U	CADMIUM
2600U	CALCIUM
12	CHROMIUM
20U	COBALT
40UJ	COPPER
25000	IRON
18	LEAD
5500	MAGNESIUM

MG/KG ANALYTICAL RESULTS

400	MANGANESE
.10U	MERCURY
21	NICKEL
290	POTASSIUM
.46U	SELENIUM
.46U	SILVER
60	SODIUM
.46U	THALLIUM
NA	TIN
15	VANADIUM
59	ZINC
13	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

METALS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47008 SAMPLE TYPE: SOIL
 ** SOURCE: GENERAL ELECTRIC CO
 ** STATION ID: SS-03
 ** CASE NUMBER: 14224 SAS NUMBER:
 *** PROG ELEM: NSF COLLECTED BY: G THOMAS
 ** CITY: ASHEBORO ST: NC
 ** COLLECTION START: 06/05/90 1540 STOP: 00/00/00
 ** MD NUMBER: W039

MG/KG	ANALYTICAL RESULTS
21000	ALUMINUM
5.1UJ	ANTIMONY
4.7J	ARSENIC
140	BARIUM
1U	BERYLLIUM
.73U	CADMIUM
3700	CALCIUM
80	CHROMIUM
20U	COBALT
60UJ	COPPER
39000	IRON
9	LEAD
8300	MAGNESIUM

MG/KG	ANALYTICAL RESULTS
560	MANGANESE
.11U	MERCURY
41	NICKEL
920	POTASSIUM
.49U	SELENIUM
.49U	SILVER
70	SODIUM
.49U	THALLIUM
NA	TIN
82	VANADIUM
47	ZINC
18	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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 *R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS. GA.

07/30/90

PURGEABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-525 . SAMPLE NO. 47005 SAMPLE TYPE: PROG ELEM: NSF COLLECTED BY: G THOMAS
*** SOURCE: CITY: ASHEBORO ST: NC
*** STATION ID: SB-01 COLLECTION START: 06/05/90 1130 STOP: 00/00/00
*** CASE NO.: 14224 SAS NO.: D. NO.: W035

SAS NO.:

D. NO.: W035

UG/KG	ANALYT
12U	CHLOROMETHANE
12U	BROMOMETHANE
12U	VINYL CHLORIDE
12U	CHLOROETHANE
6U	METHYLENE CHLORIDE
12U	ACETONE
6U	CARBON DISULFIDE
6U	1,1-DICHLOROETHENE
6U	1,1-DICHLOROETHANE
6U	1,2-DICHLOROETHENE
6U	CHLOROFORM
6U	1,2-DICHLOROETHANE
12U	METHYL ETHYL KETONE
6U	1,1,1-TRICHLOROETHANE
6U	CARBON TETRACHLORIDE
12U	VINYL ACETATE
6U	BROMODICHLOROMETHANE

ANALYTICAL RESULTS

6U	1, 2-DICHLOROPROPANE
6U	CIS-1, 3-DICHLOROPROPENE
6U	TRICHLOROETHENE (TRICHLOROETHYLENE)
6U	DIBROMOCHLOROMETHANE
6U	1, 1, 2-TRICHLOROETHANE
6U	BENZENE
6U	TRANS-1, 3-DICHLOROPROPENE
6U	BROMOFORM
12U	METHYL ISOBUTYL KETONE
12U	METHYL BUTYL KETONE
6U	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
6U	1, 1, 2, 2-TETRACHLOROETHANE
6U	TOLUENE
6U	CHI. OROBENZENE
6U	ETHYL BENZENE
6U	STYRENE
6U	TOTAL XYLEMES
17	PERCENT MOISTURE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

PURGEABLE ORGANICS DATA REPORT

** PROJECT NO. 90-525	** SAMPLE NO. 47007	** SAMPLE TYPE: SOIL	PROG ELEM: NSF	COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO			CITY: ASHEBORO	ST: NC
** STATION ID: SB-02			COLLECTION START: 06/05/90 1555	STOP: 00/00/00
** CASE NO.: 14224				
*** UG/KG	SAS NO.:	D. NO.:	UG/KG	ANALYTICAL RESULTS
13U CHLOROMETHANE			7U 1,2-DICHLOROPROPANE	
13U BROMOMETHANE			7U CIS-1,3-DICHLOROPROPENE	
13U VINYL CHLORIDE			7U TRICHLOROETHENE(TRICHLOROETHYLENE)	
13U CHLOROETHANE			7U DIBROMOCHLOROMETHANE	
7U METHYLENE CHLORIDE			7U 1,1,2-TRICHLOROETHANE	
30U ACETONE			7U BENZENE	
7U CARBON DISULFIDE			7U TRANS-1,3-DICHLOROPROPENE	
7U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)			7U BROMOFORM	
7U 1,1-DICHLOROETHANE			13U METHYL ISOBUTYL KETONE	
7U 1,2-DICHLOROETHENE (TOTAL)			13U METHYL BUTYL KETONE	
7U CHLOROFORM			7U TETRACHLOROETHENE(TETRACHLOROETHYLENE)	
7U 1,2-DICHLOROETHANE			7U 1,1,2,2-TETRACHLOROETHANE	
13U METHYL ETHYL KETONE			7 TOLUENE	
7U 1,1,1-TRICHLOROETHANE			7U CHLOROBENZENE	
7U CARBON TETRACHLORIDE			7U ETHYL BENZENE	
13U VINYL ACETATE			7U STYRENE	
7U BROMODICHLOROMETHANE			7U TOTAL XYLENES	
		24	PERCENT MOISTURE	

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
 *R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

PURGEABLE ORGANICS DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47009 SAMPLE TYPE: SOIL
** SOURCE: GENERAL ELECTRIC CO
** STATION ID: SB-03

** CASE NO.: 14224

SAS NO.:

PROG ELEM: NSF COLLECTED BY: G THOMAS
CITY: ASHEBORO ST: NC
COLLECTION START: 06/05/90 1615 STOP: 00/00/00

UG/KG ANALYTICAL RESULTS

13U CHLOROMETHANE
13U BROMOMETHANE
13U VINYL CHLORIDE
13U CHLOROETHANE
6U METHYLENE CHLORIDE
30U ACETONE
6U CARBON DISULFIDE
6U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
6U 1,1-DICHLOROETHANE
6U 1,2-DICHLOROETHENE (TOTAL)
6U CHLOROFORM
6U 1,2-DICHLOROETHANE
13U MÉTHYL ETHYL KETONE
6U 1,1,1-TRICHLOROETHANE
6U CARBON TETRACHLORIDE
13U VINYL ACETATE
6U BROMODICHLOROMETHANE

D. NO.: W040
UG/KG ANALYTICAL RESULTS

6U 1,2-DICHLOROPROPANE
6U CIS-1,3-DICHLOROPROPENE
6U TRICHLOROETHENE(TRICHLOROETHYLENE)
6U DIBROMOCHLOROMETHANE
6U 1,1,2-TRICHLOROETHANE
6U BÉNÈNE
6U TRANS-1,3-DICHLOROPROPENE
6U BROMOFORM
13U METHYL ISOBUTYL KETONE
13U METHYL BUTYL KETONE
6U TETRACHLOROETHENE(TETRACHLOROETHYLENE)
6U 1,1,2,2-TETRACHLOROETHANE
6U TOLUENE
6U CHLOROBENZENE
6U ETHYL BENZENE
6U STYRENE
6U TOTAL XYLENES
21 PERCENT MOISTURE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

PURGEABLE ORGANICS DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47010 SAMPLE TYPE: SOIL
** SOURCE: GENERAL ELECTRIC CO
** STATION ID: SD-01

** CASE NO.: 14224

UG/KG ANALYTICAL RESULTS

13U CHLOROMETHANE
13U BROMOMETHANE
13U VINYL CHLORIDE
13U CHLOROETHANE
6U METHYLENE CHLORIDE
13U ACETONE
6U CARBON DISULFIDE
6U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
6U 1,1-DICHLOROETHANE
6U 1,2-DICHLOROETHENE (TOTAL)
8U CHLOROFORM
6U 1,2-DICHLOROETHANE
13U MÉTHYL ETHYL KETONE
6U 1,1,1-TRICHLOROETHANE
6U CARBÓN TETRACHLORIDE
13U VINYL ACETATE
6U BROMODICHLOROMETHANE

SAS NO.:

D. NO.: W041

UG/KG ANALYTICAL RESULTS

6U 1,2-DICHLOROPROPANE
6U CIS-1,3-DICHLOROPROPENE
6U TRICHLOROETHENE(TRICHLOROETHYLENE)
6U DIBROMOCHLOROMETHANE
6U 1,1,2-TRICHLOROETHANE
6U BENZENE
6U TRANS-1,3-DICHLOROPROPENE
6U BROMOFORM
13U METHYL ISOBUTYL KETONE
13U METHYL BUTYL KETONE
6U TETRACHLOROETHENE(TETRACHLOROETHYLENE)
6U 1,1,2,2-TETRACHLOROETHANE
6U TOLUENE
6U CHLOROBENZENE
6U ETHYL BENZENE
6U STYRENE
22 PERCENT MOISTURE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 90-525 SAMPLE NO. 47011 SAMPLE TYPE: SOIL
SOURCE: GENERAL ELECTRIC CO
STATION ID: SD-02

PROG ELEM: NSF COLLECTED BY: G THOMAS
CITY: ASHEBORO ST: NC
COLLECTION START: 06/05/90 1415 STOP: 00/00/00

CASE NO.: 14224

SAS NO.:

D. NO.: W042

UG/KG

ANALYTICAL RESULTS

UG/KG

ANALYTICAL RESULTS

13U CHLOROMETHANE
13U BROMOMETHANE
13U VINYL CHLORIDE
13U CHLOROETHANE
6U METHYLENE CHLORIDE
20U ACETONE
6U CARBON DISULFIDE
6U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
6U 1,1-DICHLOROETHANE
6U 1,2-DICHLOROETHENE (TOTAL)
6U CHLOROFORM
6U 1,2-DICHLOROETHANE
13U MÉTHYL ETHYL KETONE
6U 1,1,1-TRICHLOROETHANE
6U CARBON TETRACHLORIDE
13U VINYL ACETATE
6U BROMODICHLOROMETHANE

6U 1,2-DICHLOROPROPANE
6U CIS-1,3-DICHLOROPROPENE
6U TRICHLOROETHENE(TRICHLOROETHYLENE)
6U DIBROMOCHLOROMETHANE
6U 1,1,2-TRICHLOROETHANE
6U BÉNÈZENE
6U TRANS-1,3-DICHLOROPROPENE
6U BROMOFORM
13U METHYL ISOBUTYL KETONE
13U METHYL BUTYL KETONE
6U TETRACHLOROETHENE(TETRACHLOROETHYLENE)
6U 1,1,2,2-TETRACHLOROETHANE
6U TOLUENE
6U CHLOROBENZENE
6U ETHYL BENZENE
6U STYRENE
6U TOTAL XYLENES
21 PERCENT MOISTURE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

PURGEABLE ORGANICS DATA REPORT

** PROJECT NO. 90-525	SAMPLE NO. 47004	SAMPLE TYPE: SOIL	PROG ELEM: NSF	COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO			CITY: ASHEBORO	ST: NC
** STATION ID: SS-01			COLLECTION START: 06/05/90	STOP: 00/00/00
**				
** CASE NO.: 14224	SAS NO.:	D. NO.: W034		
***	UG/KG	ANALYTICAL RESULTS	UG/KG	ANALYTICAL RESULTS
12U CHLOROMETHANE		6U 1,2-DICHLOROPROPANE		
12U BROMOMETHANE		6U CIS-1,3-DICHLOROPROPENE		
12U VINYL CHLORIDE		6U TRICHLOROETHENE (TRICHLOROETHYLENE)		
12U CHLOROETHANE		6U DIBROMOCHLOROMETHANE		
6U METHYLENE CHLORIDE		6U 1,1,2-TRICHLOROETHANE		
12U ACETONE		6U BENZENE		
6U CARBON DISULFIDE		6U TRANS-1,3-DICHLOROPROPENE		
6U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)		6U BROMOFORM		
6U 1,1-DICHLOROETHANE		12U METHYL ISOBUTYL KETONE		
6U 1,2-DICHLOROETHENE (TOTAL)		12U METHYL BUTYL KETONE		
6U CHLOROFORM		6U TETRACHLOROETHENE (TETRACHLOROETHYLENE)		
6U 1,2-DICHLOROETHANE		6U 1,1,2,2-TETRACHLOROETHANE		
12U METHYL ETHYL KETONE		6U TOLUENE		
6U 1,1,1-TRICHLOROETHANE		6U CHLOROBENZENE		
6U CÁRBON TETRACHLORIDE		6U ETHYL BENZENE		
12U VINYL ACETATE		6U STYRENE		
6U BROMODICHLOROMETHANE		6U TOTAL XYLENES		
		16 PERCENT MOISTURE		

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
 *R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

PURGEABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-525 . SAMPLE NO. 47006 SAMPLE TYPE: SOIL
** SOURCE: GENERAL ELECTRIC CO
** STATION ID: SS-02

** CASE NO.: 14224

UG/KG

ANALYTICAL RESULTS

SAS NO.:

D. NO.: W036

11U CHLOROMETHANE
11U BROMOMETHANE
11U VINYL CHLORIDE
11U CHLOROETHANE
6U METHYLENE CHLORIDE
11U ACETONE
6U CARBON DISULFIDE
6U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
6U 1,1-DICHLOROETHANE
6U 1,2-DICHLOROETHENE (TOTAL)
6U CHLOROFORM
6U 1,2-DICHLOROETHANE
11U METHYL ETHYL KETONE
6U 1,1,1-TRICHLOROETHANE
6U CARBON TETRACHLORIDE
11U VINYL ACETATE
6U BROMODICHLOROMETHANE

PROG ELEM: NSF COLLECTED BY: G THOMAS
CITY: ASHEBORO ST: NC
COLLECTION START: 06/05/90 1525 STOP: 00/00/00
UG/KG
ANALYTICAL RESULTS
6U 1,2-DICHLOROPROPANE
6U C₁S-1,3-DICHLOROPROPENE
6U TRICHLOROETHENE(TRICHLOROETHYLENE)
6U DIBROMOCHLOROMETHANE
6U 1,1,2-TRICHLOROETHANE
6U BENZENE
6U TRANS-1,3-DICHLOROPROPENE
6U BROMOFORM
11U METHYL ISOBUTYL KETONE
11U METHYL BUTYL KETONE
6U TETRACHLOROETHENE(TETRACHLOROETHYLENE)
6U 1,1,2,2-TETRACHLOROETHANE
3J TOLUENE
6U CHLOROBENZENE
6U ETHYL BENZENE
6U STYRENE
6U TOTAL XYLENES
11 PERCENT MOISTURE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

PURGEABLE ORGANICS DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47008 SAMPLE TYPE: SOIL
** SOURCE: GENERAL ELECTRIC CO
** STATION ID: SS-03

** CASE NO.: 14224

SAS NO.:

PROG ELEM: NSF COLLECTED BY: G THOMAS
CITY: ASHEBORO ST: NC
COLLECTION START: 06/05/90 1540 STOP: 00/00/00

D. NO.: W039

UG/KG

ANALYTICAL RESULTS

UG/KG

ANALYTICAL RESULTS

12U CHLOROMETHANE
12U BROMOMETHANE
12U VINYL CHLORIDE
12U CHLOROETHANE
6U METHYLENE CHLORIDE
12U ACETONE
6U CARBON DISULFIDE
6U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
6U 1,1-DICHLOROETHANE
6U 1,2-DICHLOROETHENE (TOTAL)
6U CHLOROFORM
6U 1,2-DICHLOROETHANE
12U METHYL ETHYL KETONE
6U 1,1,1-TRICHLOROETHANE
6U CARBON TETRACHLORIDE
12U VINYL ACETATE
6U BROMODICHLOROMETHANE

6U 1,2-DICHLOROPROPANE
6U CIS-1,3-DICHLOROPROPENE
6U TRICHLOROETHENE(TRICHLOROETHYLENE)
6U DIBROMOCHLOROMETHANE
6U 1,1,2-TRICHLOROETHANE
6U BENZENE
6U TRANS-1,3-DICHLOROPROPENE
6U BROMOFORM
12U METHYL ISOBUTYL KETONE
12U METHYL BUTYL KETONE
6U TETRACHLOROETHENE(TETRACHLOROETHYLENE)
6U 1,1,2,2-TETRACHLOROETHANE
2J TOLUENE
6U CHLOROBENZENE
6U ETHYL BENZENE
6U STYRENE
6U TOTAL XYLENES
16 PERCENT MOISTURE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

EXTRACTABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47005 SAMPLE TYPE:
** SOURCE:
** STATION ID: SB-01
**
** CASE NO.: 14224

PROG ELEM: NSF COLLECTED BY: G THOMAS
CITY: ASHEBORO ST: NC
COLLECTION START: 06/05/90 1130 STOP: 00/00/00

D. NO.: W035

SAS NO.:

UG/KG

ANALYTICAL RESULTS

UG/KG

ANALYTICAL RESULTS

800U	PHENOL	3900U	3-NITROANILINE
800UR	BIS(2-CHLOROETHYL) ETHER	800U	ACENAPHTHENE
800UJ	2-CHLOROPHENOL	3900U	2,4-DINITROPHENOL
800U	1,3-DICHLOROBENZENE	3900U	4-NITROPHENOL
800U	1,4-DICHLOROBENZENE	800U	DIBENZOFURAN
800U	BENZYL ALCOHOL	800U	2,4-DINITROTOLUENE
800U	1,2-DICHLOROBENZENE	800U	DIETHYL PHTHALATE
800U	2-METHYLPHENOL	800U	4-CHLOROPHENYL PHENYL ETHER
800U	BIS(2-CHLOROISOPROPYL) ETHER	800U	FLUORENE
800U	(3-AND/OR 4-)METHYLPHENOL	3900U	4-NITROANILINE
800U	N-NITROSODI-N-PROPYLAMINE	3900U	2-METHYL-4,6-DINITROPHENOL
800UR	HEXACHLOROETHANE	800U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
800U	NITROBENZENE	800U	4-BROMOPHENYL PHENYL ETHER
800U	ISOPHORONE	800U	HEXACHLOROBENZENE (HCB)
800U	2-NITROPHENOL	3900U	PENTACHLOROPHENOL
800U	2,4-DIMETHYLPHENOL	800U	PHENANTHRENE
3900U	BENZOIC ACID	800U	ANTHRACENE
800U	BIS(2-CHLOROETHOXY) METHANE	800U	DI-N-BUTYLPHTHALATE
800U	2,4-DICHLOROPHENOL	800U	FLUORANTHENE
800U	1,2,4-TRICHLOROBENZENE	800U	PYRENE
800U	NAPHTHALENE	1600U	BENZYL BUTYL PHTHALATE
800U	4-CHLOROANILINE	800U	3,3'-DICHLOROBENZIDINE
800U	HEXA-CHLOROBUTADIENE	800U	BENZO(A)ANTHRACENE
800U	4-CHLORO-3-METHYLPHENOL	800U	CHRYSENE
800U	2-METHYLNAPHTHALENE	800U	BIS(2-ETHYLHEXYL) PHTHALATE
800U	HEXA-CHLOROCYCLOPENTADIENE (HCCP)	800U	DI-N-OCTYLPHTHALATE
800U	2,4,6-TRICHLOROPHENOL	800U	BENZO(B AND/OR K)FLUORANTHENE
3900U	2,4,5-TRICHLOROPHENOL	800U	BENZO-A-PYRENE
800U	2-CHLORONAPHTHALENE	800U	INDENO (1,2,3-CD) PYRENE
3900U	2-NITROANILINE	800U	DIBENZO(A,H)ANTHRACENE
800U	DIMETHYL PHTHALATE	800U	BENZO(GH)PERYLENE
800U	ACENAPHTHYLENE	17	PERCENT MOISTURE
800U	2,6-DINITROTOLUENE		

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

EXTRACTABLE ORGANICS DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47007 SAMPLE TYPE: SOIL
** SOURCE: GENERAL ELECTRIC CO
** STATION ID: SB-02

PROG ELEM: NSF COLLECTED BY: G THOMAS
CITY: ASHEBORO ST: NC
COLLECTION START: 06/05/90 1555 STOP: 00/00/00

** CASE NO.: 14224

SAS NO.:

D. NO.: W038

UG/KG

ANALYTICAL RESULTS

UG/KG

ANALYTICAL RESULTS

880U	PHENOL	4200U	3-NITROANILINE
880UR	BIS(2-CHLOROETHYL) ETHER	880U	ACENAPHTHENE
880UJ	2-CHLOROPHENOL	4200U	2,4-DINITROPHENOL
880U	1,3-DICHLOROBENZENE	4200U	4-NITROPHENOL
880U	1,4-DICHLOROBENZENE	880U	DIBENZOFURAN
880U	BÉNZYLI ALCOHOL	880U	2,4-DINITROTOLUENE
880U	1,2-DICHLOROBENZENE	880U	DIETHYL PHTHALATE
880U	2-METHYLPHENOL	880U	4-CHLOROPHENYL PHENYL ETHER
880U	BIS(2-CHLOROISOPROPYL) ETHER	880U	FLUORENE
880U	(3-AND/OR 4-)METHYLPHENOL	4200U	4-NITROANILINE
880U	N-NITROSODI-N-PROPYLAMINE	4200U	2-METHYL-4,6-DINITROPHENOL
880UR	HEXACHLOROETHANE	880U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
880U	NITROBENZENE	880U	4-BROMOPHENYL PHENYL ETHER
880U	ISOPHORONE	880U	HEXACHLOROBENZENE (HCB)
880U	2-NITROPHENOL	4200U	PENTACHLOROPHENOL
880U	2,4-DIMETHYLPHENOL	880U	PHENANTHRENE
4200U	BÉNZOIC ACID	880U	ANTHRACENE
880U	BIS(2-CHLOROETHOXY) METHANE	880U	DI-N-BUTYLPHTHALATE
880U	2,4-DICHLOROPHENOL	880U	FLUORANTHENE
880U	1,2,4-TRICHLOROBENZENE	880U	PYRENE
880U	NAPHTHALENE	880U	BENZYL BUTYL PHTHALATE
880U	4-CHLOROANILINE	1800U	3,3'-DICHLOROBENZIDINE
880U	HEXACHLOROBUTADIENE	880U	BENZO(A)ANTHRACENE
880U	4-CHLORO-3-METHYLPHENOL	880U	CHRYSENE
880U	2-METHYLNAPHTHALENE	880U	BIS(2-ETHYLHEXYL) PHTHALATE
880U	HEXACHLOROCYCLOPENTADIENE (HCCP)	880U	DI-N-OCTYLPHTHALATE
880U	2,4,6-TRICHLOROPHENOL	880U	BENZO(B AND/OR K)FLUORANTHENE
4200U	2,4,5-TRICHLOROPHENOL	880U	BENZO-A-PYRENE
880U	2-CHLORONAPHTHALENE	880U	INDENO (1,2,3-CD) PYRENE
4200U	2-NITROANILINE	880U	DIBENZO(A,H)ANTHRACENE
880U	DIMETHYL PHTHALATE	880U	BENZO(GHI)PERYLENE
880U	ACENAPHTHYLENE	24	PERCENT MOISTURE
880U	2,6-DINITROTOLUENE		

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.**

07/30/90

EXTRACTABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47009 SAMPLE TYPE: SOIL
*** SOURCE: GENERAL ELECTRIC CO
*** STATION ID: SB-03

PROG ELEM: NSF COLLECTED BY: G THOMAS
CITY: ASHEBORO ST: NC
COLLECTION START: 06/05/90 1615 STOP: 00/00/00

** CASE NO : 14224

SAS NO.:

P NO : W040

UG/K

ANALYTICAL RESULTS

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* * * * * ANALYTICAL RESULTS

840U	PHENOL
840UR	BIS(2-CHLOROETHYL) ETHER
840UJ	2-CHLOROPHENOL
840U	1, 3-DICHLOROBENZENE
840U	1, 4-DICHLOROBENZENE
840U	BÉNZYLB ALCOHOL
840U	1, 2-DICHLOROBENZENE
840U	2-METHYLPHENOL
840U	BIS(2-CHLOROISOPROPYL) ETHER
840U	(3-AND/OR 4-)METHYLPHENOL
840U	N-NITROSODI-N-PROPYLAMINE
840UR	HEXACHLOROETHANE
840U	NITROBENZENE
840U	ISOPHORONE
840U	2-NITROPHENOL
840U	2, 4-DIMETHYLPHENOL
4100U	BÉNZOIC ACID
840U	BIS(2-CHLOROETHOXY) METHANE
840U	2, 4-DICHLOROPHENOL
840U	1, 2, 4-TRICHLOROBENZENE
840U	NAPHTHALENE
840U	4-CHLOROANILINE
840U	HEXACHLOROBUTADIENE
840U	4-CHLORO-3-METHYLPHENOL
840U	2-METHYLNAPHTHALENE
840U	HEXACHLOROCYCLOPENTADIENE (HC)
840U	2, 4, 6-TRICHLOROPHENOL
4100U	2, 4, 5-TRICHLOROPHENOL
840U	2-CHLORONAPHTHALENE
4100U	2-NITROANILINE
840U	DIMETHYL PHTHALATE
840U	ACENAPHTHYLENE
840U	2, 6-DINITROTOLUENE

4100U	3-NITROANILINE
840U	ACENAPHTHENE
4100U	2,4-DINITROPHENOL
4100U	4-NITROPHENOL
840U	DIBENZOFURAN
840U	2,4-DINITROTOLUENE
840U	DIETHYL PHTHALATE
840U	4-CHLOROPHENYL PHENYL ETHER
840U	FLUORENE
4100U	4-NITROANILINE
4100U	2-METHYL-4,6-DINITROPHENOL
840U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
840U	4-BROMOPHENYL PHENYL ETHER
840U	HEXAHALOROBENZENE (HCB)
4100U	PENTACHLOROPHENOL
840U	PHENANTHRENE
840U	ANTHRACENE
840U	DI-N-BUTYL PHTHALATE
840U	FLUORANTHENE
840U	PYRENE
840U	BENZYL BUTYL PHTHALATE
1700U	3,3'-DICHLOROBENZIDINE
840U	BÉNZO(A)ANTHRACENE
840U	CHRYSENE
840U	BIS(2-ETHYLHEXYL) PHTHALATE
840U	DI-N-OCTYL PHTHALATE
840U	BENZO(B AND/OR K)FLUORANTHENE
840U	BENZO-A-PYRENE
840U	INDENO (1,2,3-CD) PYRENE
840U	DIBENZO(A,H)ANTHRACENE
840U	BENZO(GHI)PERYLENE
21	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

EXTRACTABLE ORGANICS DATA REPORT

***	PROJECT NO. 90-525 SAMPLE NO. 47010 SAMPLE TYPE: SOIL	PROG ELEM: NSF COLLECTED BY: G THOMAS	***
***	SOURCE: GENERAL ELECTRIC CO	CITY: ASHEBORO ST: NC	***
***	STATION ID: SD-01	COLLECTION START: 06/05/90 1335 STOP: 00/00/00	***
***	CASE NO.: 14224	D. NO.: W041	***
UG/KG	SAS NO.:	UG/KG	ANALYTICAL RESULTS
850U	PHENOL	4100U	3-NITROANILINE
850UR	BIS(2-CHLOROETHYL) ETHER	850U	ACENAPHTHENE
850UJ	2-CHLOROPHENOL	4100U	2,4-DINITROPHENOL
850U	1,3-DICHLOROBENZENE	4100U	4-NITROPHENOL
850U	1,4-DICHLOROBENZENE	850U	DIBENZOFURAN
850U	BÉNZY ALCOHOL	850U	2,4-DINITROTOLUENE
850U	1,2-DICHLOROBENZENE	850U	DIETHYL PHTHALATE
850U	2-METHYLPHENOL	850U	4-CHLOROPHENYL PHENYL ETHER
850U	BIS(2-CHLOROISOPROPYL) ETHER	850U	FLUORENE
850U	(3-AND/OR 4-)METHYLPHENOL	4100U	4-NITROANILINE
850U	N-NITROSODI-N-PROPYLAMINE	4100U	2-METHYL-4,6-DINITROPHENOL
850UR	HEXAChLOROETHANE	850U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
850U	NITROBENZENE	850U	4-BROMOPHENYL PHENYL ETHER
850U	ISOPHORONE	850U	HEXAChLOROBENZENE (HCB)
850U	2-NITROPHENOL	4100U	PENTACHLOROPHENOL
850U	2,4-DIMETHYLPHENOL	340J	PHENANTHRENE
4100U	BÉNZOIC ACID	850U	ANTHRACENE
850U	BIS(2-CHLOROETHOXY) METHANE	850U	DI-N-BUTYLPHTHALATE
850U	2,4-DICHLOROPHENOL	550J	FLUORANTHENE
850U	1,2,4-TRICHLOROBENZENE	630J	PYRENE
850U	NAPHTHALENE	850U	BENZYL BUTYL PHTHALATE
850U	4-CHLOROANILINE	1700U	3,3'-DICHLOROBENZIDINE
850U	HEXAChLOROBUTADIENE	170J	BÉNZO(A)ANTHRACENE
850U	4-CHLORO-3-METHYLPHENOL	390J	CHRYSENE
850U	2-METHYLNAPHTHALENE	850U	BIS(2-ETHYLHEXYL) PHTHALATE
850U	HEXAChLOROCYCLOPENTADIENE (HCCP)	850U	DI-N-OCTYLPHTHALATE
850U	2,4,6-TRICHLOROPHENOL	470J	BÉNZO(B AND/OR K)FLUORANTHENE
4100U	2,4,5-TRICHLOROPHENOL	190J	BÉNZO-A-PYRENE
850U	2-CHLORONAPHTHALENE	850U	INDENO(1,2,3-CD) PYRENE
4100U	2-NITROANILINE	850U	DIBENZ(A,H)ANTHRACENE
850U	DIMETHYL PHTHALATE	850U	BENZO(GHI)PERYLENE
850U	ACENAPHTHYLENE	22	PERCENT MOISTURE
850U	2,6-DINITROTOLUENE		

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

EXTRACTABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47011 SAMPLE TYPE: SOIL
** SOURCE: GENERAL ELECTRIC CO
** STATION ID: SD-02

*** CASE NO.: 14224

UG/KG

ANALYTICAL RESULTS

SAS NO.:

D. NO.: W042

840U PHENOL
840UR BIS(2-CHLOROETHYL) ETHER
840UJ 2-CHLOROPHENOL
840U 1, 3-DICHLOROBENZENE
840U 1, 4-DICHLOROBENZENE
840U BENZYL ALCOHOL
840U 1, 2-DICHLOROBENZENE
840U 2-METHYLPHENOL
840U BIS(2-CHLOROISOPROPYL) ETHER
840U (3-AND/OR 4-)METHYLPHENOL
840U N-NITROSODI-N-PROPYLAMINE
840UR HEXACHLOROETHANE
840U NITROBENZENE
840U ISOPHORONE
840U 2-NITROPHENOL
840U 2, 4-DIMETHYLPHENOL
4100U BENZOIC ACID
840U BIS(2-CHLOROETHOXY) METHANE
840U 2, 4-DICHLOROPHENOL
840U 1, 2, 4-TRICHLOROBENZENE
840U NAPHTHALENE
840U 4-CHLOROANILINE
840U HEXACHLOROBUTADIENE
840U 4-CHLORO-3-METHYLPHENOL
840U 2-METHYLNAPHTHALENE
840U HEXACHLOROCYCLOPENTADIENE (HCCP)
840U 2, 4, 6-TRICHLOROPHENOL
4100U 2, 4, 5-TRICHLOROPHENOL
840U 2-CHLORONAPHTHALENE
4100U 2-NITROANILINE
840U DIMETHYL PHTHALATE
840U ACENAPHTHYLENE
840U 2, 6-DINITROTOLUENE

4100U 3-NITROANILINE
840U ACENAPHTHENE
4100U 2, 4-DINITROPHENOL
4100U 4-NITROPHENOL
840U DIBENZOFURAN
840U 2, 4-DINITROTOLUENE
840U DIETHYL PHTHALATE
840U 4-CHLOROPHENYL PHENYL ETHER
840U FLUORENE
4100U 4-NITROANILINE
4100U 2-METHYL-4, 6-DINITROPHENOL
840U N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
840U 4-BROMOPHENYL PHENYL ETHER
840U HEXACHLOROBENZENE (HCB)
4100U PENTACHLOROPHENOL
840U PHENANTHRENE
840U ANTHRACENE
840U DI-N-BUTYLPHthalate
840U FLUORANTHENE
840U PYRENE
840U BENZYL BUTYL PHTHALATE
1700U 3, 3'-DICHLOROBENZIDINE
840U BENZO(A)ANTHRACENE
840U CHRYSENE
840U BIS(2-ETHYLHEXYL) PHTHALATE
840U DI-N-OCTYLPHthalate
840U BENZO(B AND/OR K)FLUORANTHENE
840U BENZO-A-PYRENE
840U INDENO (1, 2, 3-CD) PYRENE
840U DIBENZO(A, H)ANTHRACENE
840U BENZO(GHI)PERYLENE
21 PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

EXTRACTABLE ORGANICS DATA REPORT

** PROJECT NO. 90-525 . SAMPLE NO. 47012 SAMPLE TYPE: SOIL
** SOURCE:
** STATION ID: SD-03

PROG ELEM: NSF COLLECTED BY: G THOMAS
CITY: ASHEBORO ST: NC
COLLECTION START: 06/05/90 1445 STOP: 00/00/00

** CASE NO.: 14224

SAS NO.:

D. NO.: W043

UG/KG

ANALYTICAL RESULTS

UG/KG

ANALYTICAL RESULTS

810U PHENOL
810UR BIS(2-CHLOROETHYL) ETHER
810UJ 2-CHLOROPHENOL
810U 1,3-DICHLOROBENZENE
810U 1,4-DICHLOROBENZENE
810U BENZYL ALCOHOL
810U 1,2-DICHLOROBENZENE
810U 2-METHYLPHENOL
810U BIS(2-CHLOROISOPROPYL) ETHER
810U (3-AND/OR 4-)METHYLPHENOL
810U N-NITROSODI-N-PROPYLAMINE
810UR HEXACHLOROETHANE
810U NITROBENZENE
810U ISOPHORONE
810U 2-NITROPHENOL
810U 2,4-DIMETHYLPHENOL
3900U BENZOIC ACID
810U BIS(2-CHLOROETHOXY) METHANE
810U 2,4-DICHLOROPHENOL
810U 1,2,4-TRICHLOROBENZENE
810U NAPHTHALENE
810U 4-CHLOROANILINE
810U HEXACHLOROBUTADIENE
810U 4-CHLORO-3-METHYLPHENOL
810U 2-METHYLNAPHTHALENE
810U HEXACHLOROCYCLOPENTADIENE (HCCP)
810U 2,4,6-TRICHLOROPHENOL
3900U 2,4,5-TRICHLOROPHENOL
810U 2-CHLORONAPHTHALENE
3900U 2-NITROANILINE
810U DIMETHYL PHTHALATE
810U ACENAPHTHYLENE
810U 2,6-DINITROTOLUENE

3900U 3-NITROANILINE
810U ACENAPHTHENE
3900U 2,4-DINITROPHENOL
3900U 4-NITROPHENOL
810U DIBENZOFURAN
810U 2,4-DINITROTOLUENE
810U DIETHYL PHTHALATE
810U 4-CHLOROPHENYL PHENYL ETHER
810U FLUORENE
3900U 4-NITROANILINE
3900U 2-METHYL-4,6-DINITROPHENOL
810U N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
810U 4-BROMOPHENYL PHENYL ETHER
810U HEXACHLOROBENZENE (HCB)
3900U PENTACHLOROPHENOL
420J PHENANTHRENE
140J ANTHRACENE
200J DI-N-BUTYLPHthalate
1100 FLUORANTHENE
1000 PYRENE
810U BENZYL BUTYL PHTHALATE
1600U 3,3'-DICHLOROBENZIDINE
600J BENZO(A)ANTHRACENE
750J CHRYSENE
810U BIS(2-ETHYLHEXYL) PHTHALATE
810U DI-N-OCTYLPHthalate
960J BENZO(B AND/OR K)FLUORANTHENE
620J BENZO-A-PYRENE
250J INDENO (1,2,3-CD) PYRENE
810U DIBENZO(A,H)ANTHRACENE
260J BENZO(GHI)PERYLENE
18 PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

EXTRACTABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47004 SAMPLE TYPE: SOIL
** SOURCE: GENERAL ELECTRIC CO
** STATION ID: SS-01
**
** CASE NO.: 14224

PROG ELEM: NSF COLLECTED BY: G THOMAS
CITY: ASHEBORO ST: NC
COLLECTION START: 06/05/90 1110 STOP: 00/00/00
**
**
**

UG/KG ANALYTICAL RESULTS

790U PHENOL
790UR BIS(2-CHLOROETHYL) ETHER
790UJ 2-CHLOROPHENOL
790U 1,3-DICHLOROBENZENE
790U 1,4-DICHLOROBENZENE
790U BENZYL ALCOHOL
790U 1,2-DICHLOROBENZENE
790U 2-METHYLPHENOL
790U BIS(2-CHLOROISOPROPYL) ETHER
790U (3-AND/OR 4-)METHYLPHENOL
790U N-NITROSO-DI-N-PROPYLAMINE
790UR HEXACHLOROETHANE
790U NITROBENZENE
790U ISOPHORONE
790U 2-NITROPHENOL
790U 2,4-DIMETHYLPHENOL
3800U BENZOIC ACID
790U BIS(2-CHLOROETHOXY) METHANE
790U 2,4-DICHLOROPHENOL
790U 1,2,4-TRICHLOROBENZENE
790U NAPHTHALENE
790U 4-CHLOROANILINE
790U HEXACHLOROBUTADIENE
790U 4-CHLORO-3-METHYLPHENOL
790U 2-METHYLNAPHTHALENE
790U HEXACHLOROCYCLOPENTADIENE (HCCP)
790U 2,4,6-TRICHLOROPHENOL
3800U 2,4,5-TRICHLOROPHENOL
790U 2-CHLORONAPHTHALENE
3800U 2-NITROANILINE
790U DIMETHYL PHTHALATE
790U ACENAPHTHYLENE
790U 2,6-DINITROTOLUENE

SAS NO.:

D. NO.: W034

UG/KG ANALYTICAL RESULTS

3800U 3-NITROANILINE
790U ACENAPHTHENE
3800U 2,4-DINITROPHENOL
3800U 4-NITROPHENOL
790U DIBENZOFURAN
790U 2,4-DINITROTOLUENE
790U DIETHYL PHTHALATE
790U 4-CHLOROPHENYL PHENYL ETHER
790U FLUORENE
3800U 4-NITROANILINE
3800U 2-METHYL-4,6-DINITROPHENOL
790U N-NITROSO-DIPHENYLAMINE/DIPHENYLAMINE
790U 4-BROMOPHENYL PHENYL ETHER
790U HEXACHLOROBENZENE (HCB)
3800U PENTACHLOROPHENOL
1300 PHENANTHRENE
220J ANTHRACENE
790U DI-N-BUTYLPHthalate
1700 FLUORANTHENE
1300 PYRENE
790U BENZYL BUTYL PHTHALATE
1600U 3,3'-DICHLOROBENZIDINE
610J BENZO(A)ANTHRACENE
710J CHRYSENE
790U BIS(2-ETHYLHEXYL) PHTHALATE
790U DI-N-OCTYLPHthalate
910J BENZO(B AND/OR K)FLUORANTHENE
340J BENZO-A-PYRENE
790U INDENO (1,2,3-CD) PYRENE
790U DIBENZO(A,H)ANTHRACENE
790U BENZO(GHI)PERYLENE
16 PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

EXTRACTABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-525 . SAMPLE NO. 47006 SAMPLE TYPE: SOIL
*** SOURCE: GENERAL ELECTRIC CO
*** STATION ID: SS-02

*** CASE NO.: 14224

UG/KG

ANALYTICAL RESULTS

SAS NO.:

D. NO.: W036

UG/KG

ANALYTICAL RESULTS

PROG ELEM: NSF COLLECTED BY: G THOMAS
CITY: ASHEBORO ST: NC
COLLECTION START: 06/05/90 1525 STOP: 00/00/00

750U PHENOL
750UR BIS(2-CHLOROETHYL) ETHER
750UJ 2-CHLOROPHENOL
750U 1,3-DICHLOROBENZENE
750U 1,4-DICHLOROBENZENE
750U BENZYL ALCOHOL
750U 1,2-DICHLOROBENZENE
750U 2-METHYLPHENOL
750U BIS(2-CHLOROISOPROPYL) ETHER
750U (3-AND/OR 4-)METHYLPHENOL
750U N-NITROSODI-N-PROPYLAMINE
750UR HEXACHLOROETHANE
750U NITROBENZENE
750U ISOPHORONE
750U 2-NITROPHENOL
750U 2,4-DIMETHYLPHENOL
3600U BENZOIC ACID
750U BIS(2-CHLOROETHOXY) METHANE
750U 2,4-DICHLOROPHENOL
750U 1,2,4-TRICHLOROBENZENE
750U NAPHTHALENE
750U 4-CHLOROANILINE
750U HEXACHLOROBUTADIENE
750U 4-CHLORO-3-METHYLPHENOL
750U 2-METHYLNAPHTHALENE
750U HEXACHLOROCYCLOPENTADIENE (HCCP)
750U 2,4,6-TRICHLOROPHENOL
3600U 2,4,5-TRICHLOROPHENOL
750U 2-CHLORONAPHTHALENE
3600U 2-NITROANILINE
750U DIMETHYL PHTHALATE
750U ACENAPHTHYLENE
750U 2,6-DINITROTOLUENE

3600U 3-NITROANILINE
750U ACENAPHTHENE
3600U 2,4-DINITROPHENOL
3600U 4-NITROPHENOL
750U DIBENZOFURAN
750U 2,4-DINITROTOLUENE
750U DIETHYL PHTHALATE
750U 4-CHLOROPHENYL PHENYL ETHER
750U FLUORENE
3600U 4-NITROANILINE
3600U 2-METHYL-4,6-DINITROPHENOL
750U N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
750U 4-BROMOPHENYL PHENYL ETHER
750U HEXACHLOROBENZENE (HCB)
3600U PENTACHLOROPHENOL
750U PHENANTHRENE
750U ANTHRACENE
750U DI-N-BUTYLPHTHALATE
750U FLUORANTHENE
750U PYRENE
750U BENZYL BUTYL PHTHALATE
1500U 3,3'-DICHLOROBENZIDINE
750U BENZO(A)ANTHRACENE
750U CHRYSENE
750U BIS(2-ETHYLHEXYL) PHTHALATE
750U DI-N-OCTYLPHTHALATE
750U BENZO(B AND/OR K)FLUORANTHENE
750U BENZO-A-PYRENE
750U INDENO (1,2,3-CD) PYRENE
750U DIBENZO(A,H)ANTHRACENE
750U BENZO(GHI)PERYLENE
11 PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *N/A-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

EXTRACTABLE ORGANICS DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47008 SAMPLE TYPE: SOIL
** SOURCE: GENERAL ELECTRIC CO

** STATION ID: SS-03

** CASE NO.: 14224

PROG ELEM: NSF COLLECTED BY: G THOMAS
CITY: ASHEBORO ST: NC
COLLECTION START: 06/05/90 1540 STOP: 00/00/00

**
**
**
**
**
**

UG/KG ANALYTICAL RESULTS SAS NO.: D. NO.: W039 UG/KG ANALYTICAL RESULTS

790U PHENOL
790UR BIS(2-CHLOROETHYL) ETHER
790UJ 2-CHLOROPHENOL
790U 1,3-DICHLOROBENZENE
790U 1,4-DICHLOROBENZENE
790U BENZYL ALCOHOL
790U 1,2-DICHLOROBENZENE
790U 2-METHYLPHENOL
790U BIS(2-CHLOROISOPROPYL) ETHER
790U (3-AND/OR 4-)METHYLPHENOL
790U N-NITROSODI-N-PROPYLAMINE
790UR HEXACHLOROETHANE
790U NITROBENZENE
790U ISOPHORONE
790U 2-NITROPHENOL
790U 2,4-DIMETHYLPHENOL
3800U BENZOIC ACID
790U BIS(2-CHLOROETHOXY) METHANE
790U 2,4-DICHLOROPHENOL
790U 1,2,4-TRICHLOROBENZENE
790U NAPHTHALENE
790U 4-CHLOROANILINE
790U HEXACHLOROBUTADIENE
790U 4-CHLORO-3-METHYLPHENOL
790U 2-METHYLNAPHTHALENE
790U HEXACHLOROCYCLOPENTADIENE (HCCP)
790U 2,4,6-TRICHLOROPHENOL
3800U 2,4,5-TRICHLOROPHENOL
790U 2-CHLORONAPHTHALENE
3800U 2-NITROANILINE
790U DIMETHYL PHTHALATE
790U ACENAPHTHYLENE
790U 2,6-DINITROTOLUENE

3800U 3-NITROANILINE
790U ACENAPHTHENE
3800U 2,4-DINITROPHENOL
3800U 4-NITROPHENOL
790U DIBENZOFURAN
790U 2,4-DINITROTOLUENE
790U DIETHYL PHTHALATE
790U 4-CHLOROPHENYL PHENYL ETHER
FLUORENE
3800U 4-NITROANILINE
3800U 2-METHYL-4,6-DINITROPHENOL
790U N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
790U 4-BROMOPHENYL PHENYL ETHER
790U HEXACHLOROBENZENE (HCB)
3800U PENTACHLOROPHENOL
290J PHENANTHRENE
790U ANTHRACENE
790U DI-N-BUTYL PHTHALATE
380J FLUORANTHENE
370J PYRENE
790U BENZYL BUTYL PHTHALATE
1600U 3,3'-DICHLOROBENZIDINE
790U BENZO(A)ANTHRACENE
180J CHRYSENE
790U BIS(2-ETHYLHEXYL) PHTHALATE
790U DI-N-OCTYL PHTHALATE
790U BENZO(B AND/OR K)FLUORANTHENE
790U BENZO-A-PYRENE
790U INDENO (1,2,3-CD) PYRENE
790U DIBENZO(A,H)ANTHRACENE
790U BENZO(GHI)PERYLENE
16 PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47007 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
** STATION ID: SB-02 COLLECTION START: 06/05/90 1555 STOP: 00/00/00
** CASE NO.: 14224 SAS NO.: D. NO.: W038 MD NO: W038
**

ANALYTICAL RESULTS UG/KG

3000J 1 UNIDENTIFIED COMPOUND

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47009 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
** STATION ID: SB-03 COLLECTION START: 05/05/90 1615 STOP: 00/00/00
** CASE NO.: 14224 SAS NO.: D. NO.: W040 MD NO: W040

ANALYTICAL RESULTS UG/KG

3000J 1 UNIDENTIFIED COMPOUND

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47010 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
** STATION ID: SD-01 COLLECTION START: 06/05/90 1335 STOP: 00/00/00
** CASE NO.: 14224 SAS NO.: D. NO.: W041 MD NO: W041

ANALYTICAL RESULTS UG/KG

5000J 3 UNIDENTIFIED COMPOUNDS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.**

07/30/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47012 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
** SOURCE: CITY: ASHEBORO ST: NC
** STATION ID: SD-03 COLLECTION START: 06/05/90 1445 STOP: 00/00/00
** CASE NO.: 14224 SAS NO.: D. NO.: W043 MD NO.: W043

ANALYTICAL RESULTS UG/KG

**20000J 13 UNIDENTIFIED COMPOUNDS
2000JN BENZOFLUORENE**

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47004 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS **
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC **
** STATION ID: SS-01 COLLECTION START: 06/05/90 1110 STOP: 00/00/00 **
** CASE NO.: 14224 SAS NO.: D. NO.: W034 MD NO.: W034 **

ANALYTICAL RESULTS UG/KG

1000J 1 UNIDENTIFIED COMPOUND

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47006 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
** STATION ID: SS-02 COLLECTION START: 05/05/90 1525 STOP: 00/00/00
** CASE NO.: 14224 SAS NO.: D. NO.: W036 MD NO: W036
**

ANALYTICAL RESULTS UG/KG

3000J 1 UNIDENTIFIED COMPOUND

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *N/A-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

PESTICIDES/PCB'S DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47005 SAMPLE TYPE:
 ** SOURCE:
 ** STATION ID: SB-01
 ** CASE NUMBER: 14224 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: G THOMAS
 CITY: ASHEBORO ST: NC
 COLLECTION START: 06/05/90 1130 STOP: 00/00/00
 ID NUMBER: W035

UG/KG

ANALYTICAL RESULTS

19U ALPHA-BHC
 19U BETA-BHC
 19U DELTA-BHC
 19U GAMMA-BHC (LINDANE)
 19U HEPTACHLOR
 19U ALDRIN
 19U HEPTACHLOR EPOXIDE
 19U ENDOSULFAN I (ALPHA)
 38U DIELDRIN
 38U 4,4'-DDE (P,P'-DDE)
 38U ENDRIN
 38U ENDOSULFAN II (BETA)
 38U 4,4'-DDD (P,P'-DDD)
 38U ENDOSULFAN SULFATE
 38U 4,4'-DDT (P,P'-DDT)

UG/KG

ANALYTICAL RESULTS

19OU METHOXYCHLOR
 38U ENDRIN KETONE
 CHLORDANE (TECH. MIXTURE) /1
 19OU GAMMA-CHLORDANE /2
 19OU ALPHA-CHLORDANE /2
 38OU TOXAPHENE
 19OU PCB-1016 (AROCLOL 1016)
 19OU PCB-1221 (AROCLOL 1221)
 19OU PCB-1232 (AROCLOL 1232)
 19OU PCB-1242 (AROCLOL 1242)
 19OU PCB-1248 (AROCLOL 1248)
 38OU PCB-1254 (AROCLOL 1254)
 38OU PCB-1260 (AROCLOL 1260)
 17 PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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 *C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

PESTICIDES/PCB'S DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47007 SAMPLE TYPE: SOIL
 ** SOURCE: GENERAL ELECTRIC CO
 ** STATION ID: SB-02
 ** CASE NUMBER: 14224 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: G THOMAS
 CITY: ASHEBORO ST: NC
 COLLECTION START: 06/05/90 1555 STOP: 00/00/00
 ID NUMBER: W038

UG/KG ANALYTICAL RESULTS

21U ALPHA-BHC
 21U BETA-BHC
 21U DELTA-BHC
 21U GAMMA-BHC (LINDANE)
 21U HEPTACHLOR
 21U ALDRIN
 21U HEPTACHLOR EPOXIDE
 21U ENDOSULFAN I (ALPHA)
 42U DIELDRIN
 42U 4,4'-DDE (P,P'-DDE)
 42U ENDRIN
 42U ENDOSULFAN II (BETA)
 42U 4,4'-DDD (P,P'-DDD)
 42U ENDOSULFAN SULFATE
 42U 4,4'-DDT (P,P'-DDT)

UG/KG ANALYTICAL RESULTS

21OU METHOXYCHLOR
 42U ENDRIN KETONE
 CHLORDANE (TECH. MIXTURE) /1
 21OU GAMMA-CHLORDANE /2
 21OU ALPHA-CHLORDANE /2
 42OU TOXAPHENE
 21OU PCB-1016 (AROCLOL 1016)
 21OU PCB-1221 (AROCLOL 1221)
 21OU PCB-1232 (AROCLOL 1232)
 21OU PCB-1242 (AROCLOL 1242)
 21OU PCB-1248 (AROCLOL 1248)
 42OU PCB-1254 (AROCLOL 1254)
 42OU PCB-1260 (AROCLOL 1260)
 24 PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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 *C-CONFIRMED BY GCMS

1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

09/10/90

PESTICIDES/PCB'S DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47009 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
** STATION ID: SB-03 COLLECTION START: 06/05/90 1615 STOP: 00/00/00
** CASE NUMBER: 14224 ID NUMBER: W040

UG/KG ANALYTICAL RESULTS

20U ALPHA-BHC
20U BETA-BHC
20U DELTA-BHC
20U GAMMA-BHC (LINDANE)
20U HEPTACHLOR
20U ALDRIN
20U HEPTACHLOR EPOXIDE
20U ENDOSULFAN I (ALPHA)
40U DIELDRIN
40U 4,4'-DDE (P,P'-DDE)
40U ENDRIN
40U ENDOSULFAN II (BETA)
40U 4,4'-DDD (P,P'-DDD)
40U ENDOSULFAN SULFATE
40U 4,4'-DDT (P,P'-DDT)

UG/KG ANALYTICAL RESULTS

200U METHOXYCHLOR
40U ENDRIN KETONE
200U CHLORDANE (TECH. MIXTURE) /1
200U GAMMA-CHLORDANE /2
200U ALPHA-CHLORDANE /2
400U TOXAPHENE
200U PCB-1016 (AROCLO 1016)
200U PCB-1221 (AROCLO 1221)
200U PCB-1232 (AROCLO 1232)
200U PCB-1242 (AROCLO 1242)
200U PCB-1248 (AROCLO 1248)
400U PCB-1254 (AROCLO 1254)
400U PCB-1260 (AROCLO 1260)
21 PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS, GA.**

07/30/90

PESTICIDES/PCB'S DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47010 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
*** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
*** STATION ID: SD-01 COLLECTION START: 06/05/90 1335 STOP: 00/00/00
*** CASE NUMBER: 14224 SAS NUMBER: D NUMBER: W041

UG/KG ANALYTICAL RESULTS

UG/KG ANALYTICAL RESULTS

21U ALPHA-BHC
21U BETA-BHC
21U DELTA-BHC
21U GAMMA-BHC (LINDANE)
21U HEPTACHLOR
21U ALDRIN
21U HEPTACHLOR EPOXIDE
21U ENDOSULFAN I (ALPHA)
41U DIELDRIN
41U 4,4'-DDE (P,P'-DDE)
41U ENDRIN
41U ENDOSULFAN II (BFTA)
41U 4,4'-DDD (P,P'-DDD)
41U ENDOSULFAN SULFATE
41U 4,4'-DDT (P,P'-DDT)

21OU	MEHOXYCHLOR
41U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
21OU	GAMMA-CHLORDANE /2
21OU	ALPHA-CHLORDANE /2
41OU	<u>TOXAPHENE</u>
21OU	PCB-1016 (AROCLOR 1016)
21OU	PCB-1221 (AROCLOR 1221)
21OU	PCB-1232 (AROCLOR 1232)
21OU	PCB-1242 (AROCLOR 1242)
21OU	PCB-1248 (AROCLOR 1248)
41OU	PCB-1254 (AROCLOR 1254)
41OU	PCB-1260 (AROCLOR 1260)
22	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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 *C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

09/10/90

PESTICIDES/PCB'S DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47011 SAMPLE TYPE: SOIL
** SOURCE: GENERAL ELECTRIC CO
** STATION ID: SD-02
** CASE NUMBER: 14224 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: G THOMAS
CITY: ASHEBORO ST: NC
COLLECTION START: 06/05/90 1415 STOP: 00/00/00
D NUMBER: W042

UG/KG

ANALYTICAL RESULTS

20U ALPHA-BHC
20U BETA-BHC
20U DELTA-BHC
20U GAMMA-BHC (LINDANE)
20U HEPTACHLOR
20U ALDRIN
20U HEPTACHLOR EPOXIDE
20U ENDOSULFAN I (ALPHA)
40U DIELDRIN
40U 4,4'-DDE (P,P'-DDE)
40U ENDRIN
40U ENDOSULFAN II (BETA)
40U 4,4'-DDD (P,P'-DDD)
40U ENDOSULFAN SULFATE
40U 4,4'-DDT (P,P'-DDT)

UG/KG

ANALYTICAL RESULTS

200U METHOXYCHLOR
40U ENDRIN KETONE
200U CHLORDANE (TECH. MIXTURE) /1
200U GAMMA-CHLORDANE /2
200U ALPHA-CHLORDANE /2
400U TOXAPHENNE
200U PCB-1016 (AROCLOL 1016)
200U PCB-1221 (AROCLOL 1221)
200U PCB-1232 (AROCLOL 1232)
200U PCB-1242 (AROCLOL 1242)
200U PCB-1248 (AROCLOL 1248)
400U PCB-1254 (AROCLOL 1254)
400U PCB-1260 (AROCLOL 1260)
21 PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

- *A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 - *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
 - *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
 - *R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
 - *C-CONFIRMED BY GCMS
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.**

07/30/90

PESTICIDES/PCB'S DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47012 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
*** SOURCE: CITY: ASHEBORO ST: NC
*** STATION ID: SD-03 COLLECTION START: 06/05/90 1445 STOP: 00/00/00
*** CASE NUMBER: 14224 SAS NUMBER: D NUMBER: W043

UG/KG ANALYTICAL RESULTS

20U	ALPHA-BHC
20U	BETA-BHC
20U	DELTA-BHC
20U	GAMMA-BHC (LINDANE)
20U	HEPTACHLOR
20U	ALDRIN
20U	HEPTACHLOR EPOXIDE
20U	ENDOSULFAN I (ALPHA)
39U	DIELDRIN
39U	4,4'-DDE (P,P'-DDE)
39U	ENDRIN
39U	ENDOSULFAN II (BETA)
39U	4,4'-DDD (P,P'-DDD)
39U	ENDOSULFAN SULFATE
39U	4,4'-DDT (P,P'-DDT)

UG/KG ANALYTICAL RESULTS

200U 39U	MEHOXYCHLOR ENDRIN KETONE CHLORDANE (TECH. MIXTURE) /1
200U	GAMMA-CHLORDANE /2
200U	ALPHA-CHLORDANE /2
390U	TOXAPHENE
200U	PCB-1016 (AROCLOR 1016)
200U	PCB-1221 (AROCLOR 1221)
200U	PCB-1232 (AROCLOR 1232)
200U	PCB-1242 (AROCLOR 1242)
200U	PCB-1248 (AROCLOR 1248)
390U	PCB-1254 (AROCLOR 1254)
390U	PCB-1260 (AROCLOR 1260)
18	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

PESTICIDES/PCB'S DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47004 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
** STATION ID: SS-01 COLLECTION START: 06/05/90 1110 STOP: 00/00/00
** CASE NUMBER: 14224 ID NUMBER: W034
**

*** UG/KG ANALYTICAL RESULTS UG/KG ANALYTICAL RESULTS

19U ALPHA-BHC
19U BETA-BHC
19U DELTA-BHC
19U GAMMA-BHC (LINDANE)
19U HEPTACHLOR
19U ALDRIN
19U HEPTACHLOR EPOXIDE
19U ENDOSULFAN I (ALPHA)
38U DIELDRIN
38U 4,4'-DDE (P,P'-DDE)
38U ENDRIN
38U ENDOSULFAN II (BETA)
38U 4,4'-DDD (P,P'-DDD)
38U ENDOSULFAN SULFATE
130 4,4'-DDT (P,P'-DDT)

190U METHOXYCHLOR
38U ENDRIN KETONE
CHLORDANE (TECH. MIXTURE) /1
190U GAMMA-CHLORDANE /2
190U ALPHA-CHLORDANE /2
380U TOXAPHENE
190U PCB-1016 (AROCLO 1016)
190U PCB-1221 (AROCLO 1221)
190U PCB-1232 (AROCLO 1232)
190U PCB-1242 (AROCLO 1242)
190U PCB-1248 (AROCLO 1248)
380U PCB-1254 (AROCLO 1254)
380U PCB-1260 (AROCLO 1260)
16 PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *N/A-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

PESTICIDES/PCB'S DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47004 SAMPLE TYPE: SOIL
** SOURCE: GENERAL ELECTRIC CO
** STATION ID: SS-01
** CASE NUMBER: 14224 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: G THOMAS
CITY: ASHEBORO ST: NC
COLLECTION START: 06/05/90 1110 STOP: 00/00/00
D NUMBER: W034

UG/KG ANALYTICAL RESULTS

19U ALPHA-BHC
19U BETA-BHC
19U DELTA-BHC
19U GAMMA-BHC (LINDANE)
19U HEPTACHLOR
19U ALDRIN
19U HEPTACHLOR EPOXIDE
19U ENDOSULFAN I (ALPHA)
38U DIELDRIN
38U 4,4'-DDE (P,P'-DDE)
38U ENDRIN
38U ENDOSULFAN II (BETA)
38U 4,4'-DDD (P,P'-DDD)
38U ENDOSULFAN SULFATE
130 4,4'-DDT (P,P'-DDT)

UG/KG ANALYTICAL RESULTS

190U METHOXYCHLOR
38U ENDRIN KETONE
CHLORDANE (TECH. MIXTURE) /1
190U GAMMA-CHLORDANE /2
190U ALPHA-CHLORDANE /2
380U TOXAPHENE
190U PCB-1016 (AROCLOL 1016)
190U PCB-1221 (AROCLOL 1221)
190U PCB-1232 (AROCLOL 1232)
190U PCB-1242 (AROCLOL 1242)
190U PCB-1248 (AROCLOL 1248)
380U PCB-1254 (AROCLOL 1254)
380U PCB-1260 (AROCLOL 1260)
16 PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

PESTICIDES/PCB'S DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47006 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS **
 ** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC **
 ** STATION ID: SS-02 COLLECTION START: 06/05/90 1525 STOP: 00/00/00 **
 ** CASE NUMBER: 14224 ID NUMBER: W036 **
 **

UG/KG ANALYTICAL RESULTS UG/KG ANALYTICAL RESULTS

18U ALPHA-BHC
 18U BETA-BHC
 18U DELTA-BHC
 18U GAMMA-BHC (LINDANE)
 18U HEPTACHLOR
 18U ALDRIN
 18U HEPTACHLOR EPOXIDE
 18U ENDOSULFAN I (ALPHA)
 36U DIELDRIN
 36U 4,4'-DDE (P,P'-DDE)
 36U ENDRIN
 36U ENDOSULFAN II (BETA)
 36U 4,4'-DDD (P,P'-DDD)
 36U ENDOSULFAN SULFATE
 36U 4,4'-DDT (P,P'-DDT)

18OU METHOXYCHLOR
 36U ENDRIN KETONE
 CHLORDANE (TECH. MIXTURE) /1
 18OU GAMMA-CHLORDANE /2
 18OU ALPHA-CHLORDANE /2
 36OU TOXAPHENE
 18OU PCB-1016 (AROCLOL 1016)
 18OU PCB-1221 (AROCLOL 1221)
 18OU PCB-1232 (AROCLOL 1232)
 18OU PCB-1242 (AROCLOL 1242)
 18OU PCB-1248 (AROCLOL 1248)
 36OU PCB-1254 (AROCLOL 1254)
 36OU PCB-1260 (AROCLOL 1260)
 11 PFRCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

PESTICIDES/PCB'S DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47008 SAMPLE TYPE: SOIL
 ** SOURCE: GENERAL ELECTRIC CO
 ** STATION ID: SS-03
 ** CASE NUMBER: 14224 SAS NUMBER:
 *** PROG ELEM: NSF COLLECTED BY: G THOMAS
 ** CITY: ASHEBORO ST: NC
 ** COLLECTION START: 06/05/90 1540 STOP: 00/00/00
 ** D NUMBER: W039

UG/KG ANALYTICAL RESULTS

19U ALPHA-BHC
 19U BETA-BHC
 19U DELTA-BHC
 19U GAMMA-BHC (LINDANE)
 19U HEPTACHLOR
 19U ALDRIN
 19U HEPTACHLOR EPOXIDE
 19U ENDOSULFAN I (ALPHA)
 38U DIELDRIN
 38U 4,4'-DOE (P,P'-DDE)
 38U ENDRIN
 38U ENDOSULFAN II (BETA)
 38U 4,4'-DDD (P,P'-DDD)
 38U ENDOSULFAN SULFATE
 38U 4,4'-DDT (P,P'-DDT)

UG/KG ANALYTICAL RESULTS

190U METHOXYCHLOR
 38U ENDRIN KETONE
 CHLORDANE (TECH. MIXTURE) /1
 190U GAMMA-CHLORDANE /2
 190U ALPHA-CHLORDANE /2
 380U TOXAPHENE
 190U PCB-1016 (AROCLO 1016)
 190U PCB-1221 (AROCLO 1221)
 190U PCB-1232 (AROCLO 1232)
 190U PCB-1242 (AROCLO 1242)
 190U PCB-1248 (AROCLO 1248)
 380U PCB-1254 (AROCLO 1254)
 380U PCB-1260 (AROCLO 1260)
 16 PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

PESTICIDES/PCB'S DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47008 SAMPLE TYPE: SOIL
** SOURCE: GENERAL ELECTRIC CO
** STATION ID: SS-03
** CASE NUMBER: 14224
** SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: G THOMAS
CITY: ASHEBORO ST: NC
COLLECTION START: 06/05/90 1540 STOP: 00/00/00
ID NUMBER: W039

UG/KG ANALYTICAL RESULTS

19U ALPHA-BHC
19U BETA-BHC
19U DELTA-BHC
19U GAMMA-BHC (LINDANE)
19U HEPTACHLOR
19U ALDRIN
19U HEPTACHLOR EPOXIDE
19U ENDOSULFAN I (ALPHA)
38U DIELDRIN
38U 4,4'-DDE (P,P'-DDE)
38U ENDRIN
38U ENDOSULFAN II (BETA)
38U 4,4'-DDD (P,P'-DDD)
38U ENDOSULFAN SULFATE
38U 4,4'-DDT (P,P'-DDT)

UG/KG ANALYTICAL RESULTS

19OU METHOXYCHLOR
38U ENDRIN KETONE
CHLORDANE (TECH. MIXTURE) /1
19OU GAMMA-CHLORDANE /2
19OU ALPHA-CHLORDANE /2
38OU TOXAPHENE
19OU PCB-1016 (AROCLO 1016)
19OU PCB-1221 (AROCLO 1221)
19OU PCB-1232 (AROCLO 1232)
19OU PCB-1242 (AROCLO 1242)
19OU PCB-1248 (AROCLO 1248)
38OU PCB-1254 (AROCLO 1254)
38OU PCB-1260 (AROCLO 1260)
16 PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERNCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

PESTICIDES/PCB'S DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47002 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: G THOMAS
 ** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
 ** STATION ID: PB-01 COLLECTION START: 06/05/90 0800 STOP: 00/00/00
 ** CASE NUMBER: 14224 D. NUMBER: W037
 **

UG/L ANALYTICAL RESULTS

.05OU ALPHA-BHC
 .05OU BETA-BHC
 .05OU DELTA-BHC
 .05OU GAMMA-BHC (LINDANE)
 .05OU HEPTACHLOR
 .05OU ALDRIN
 .05OU HEPTACHLOR EPOXIDE
 .05OU ENDOSULFAN I (ALPHA)
 .1OU DIELDRIN
 .1OU 4,4'-DDE (P,P'-DDE)
 .1OU ENDRIN
 .1OU ENDOSULFAN II (BETA)
 .1OU 4,4'-DDD (P,P'-DDD)
 .1OU ENDOSULFAN SULFATE
 .1OU 4,4'-DDT (P,P'-DDT)

UG/L ANALYTICAL RESULTS

.5OU METHOXYCHLOR
 .1OU ENDRIN KETONE
 CHLORDANE (TECH. MIXTURE) /1
 .5OU GAMMA-CHLORDANE /2
 .5OU ALPHA-CHLORDANE /2
 1.0U TOXAPHENE
 .5OU PCB-1016 (AROCLO 1016)
 .5OU PCB-1221 (AROCLO 1221)
 .5OU PCB-1232 (AROCLO 1232)
 .5OU PCB-1242 (AROCLO 1242)
 .5OU PCB-1248 (AROCLO 1248)
 1.0U PCB-1254 (AROCLO 1254)
 1.0U PCB-1260 (AROCLO 1260)

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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 *C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

EXTRACTABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47002 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
** STATION ID: PB-01 COLLECTION START: 06/05/90 0800 STOP: 00/00/00
**
**

** CASE NO.: 14224

SAS NO.:

D. NO.: W037

UG/L ANALYTICAL RESULTS

UG/L ANALYTICAL RESULTS

1OU PHENOL
1OU BIS(2-CHLOROETHYL) ETHER
1OU 2-CHLOROPHENOL
1OU 1,3-DICHLOROBENZENE
1OU 1,4-DICHLOROBENZENE
1OU BENZYL ALCOHOL
1OU 1,2-DICHLOROBENZENE
1OU 2-METHYLPHENOL
1OU BIS(2-CHLOROISOPROPYL) ETHER
1OU (3-AND/OR 4-)METHYLPHENOL
1OU N-NITROSO-DI-N-PROPYLAMINE
1OU HEXACHLOROETHANE
1OU NITROBENZENE
1OU ISOPHORONE
1OU 2-NITROPHENOL
1OU 2,4-DIMETHYLPHENOL
5OU BENZOIC ACID
1OU BIS(2-CHLOROETHOXY) METHANE
1OU 2,4-DICHLOROPHENOL
1OU 1,2,4-TRICHLOROBENZENE
1OU NAPHTHALENE
1OU 4-CHLOROANILINE
1OU HEXACHLOROBUTADIENE
1OU 4-CHLORO-3-METHYLPHENOL
1OU 2-METHYLNAPHTHALENE
1OU HEXACHLOROCYCLOPENTADIENE (HCCP)
1OU 2,4,6-TRICHLOROPHENOL
5OU 2,4,5-TRICHLOROPHENOL
1OU 2-CHLORONAPHTHALENE
5OU 2-NITROANILINE
1OUR DIMETHYL PHTHALATE
1OU ACENAPHTHYLENE
1OU 2,6-DINITROTOLUENE

5OU 3-NITROANILINE
1OU ACENAPHTHENE
5OU 2,4-DINITROPHENOL
5OU 4-NITROPHENOL
1OU DIBENZOFURAN
1OU 2,4-DINITROTOLUENE
1OU DIETHYL PHTHALATE
1OU 4-CHLOROPHENYL PHENYL ETHER
1OU FLUORENE
5OU 4-NITROANILINE
5OU 2-METHYL-4,6-DINITROPHENOL
1OU N-NITROSO-DIPHENYLAMINE/DIPHENYLAMINE
1OU 4-BROMOPHENYL PHENYL ETHER
1OU HEXACHLOROBENZENE (HCB)
5OU PENTACHLOROPHENOL
1OU PHENANTHRENE
1OU ANTHRACENE
1OU DI-N-BUTYLPHTHALATE
1OU FLUORANTHENE
1OU PYRENE
1OU BENZYL BUTYL PHTHALATE
2OU 3,3'-DICHLOROBENZIDINE
1OU BENZO(A)ANTHRACENE
1OU CHRYSENE
1OU BIS(2-ETHYLHEXYL) PHTHALATE
1OU DI-N-OCTYLPHTHALATE
1OU BENZO(B AND/OR K)FLUORANTHENE
1OU BENZO-A-PYRENE
1OU INDENO (1,2,3-CD) PYRENE
1OU DIBENZO(A,H)ANTHRACENE
1OU BENZO(G,H)PERYLENE

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

PURGEABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47002 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
** STATION ID: PB-01 COLLECTION START: 06/05/90 0800 STOP: 00/00/00
**
** CASE NO.: 14224

UG/L ANALYTICAL RESULTS

10U CHLOROMETHANE
10U BROMOMETHANE
10U VINYL CHLORIDE
10U CHLOROETHANE
5U METHYLENE CHLORIDE
40U ACETONE
5U CARBON DISULFIDE
5U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U 1,1-DICHLOROETHANE
5U 1,2-DICHLOROETHENE (TOTAL)
5U CHLOROFORM
5U 1,2-DICHLOROETHANE
10U MÉTHYL ETHYL KETONE
5U 1,1,1-TRICHLOROETHANE
5U CARBON TETRACHLORIDE
10U VINYL ACETATE
5U BROMODICHLOROMETHANE

SAS NO.:

D. NO.: W037

UG/L ANALYTICAL RESULTS

5U 1,2-DICHLOROPROPANE
5U CIS-1,3-DICHLOROPROPENE
5U TRICHLOROETHENE(TRICHLOROETHYLENE)
5U DIBROMOCHLOROMETHANE
5U 1,1,2-TRICHLOROETHANE
5U BENZENE
5U TRANS-1,3-DICHLOROPROPENE
5U BROMOFORM
10U METHYL ISOBUTYL KETONE
10U METHYL BUTYL KETONE
5U TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U 1,1,2,2-TETRACHLOROETHANE
5U TOLUENE
5U CHLOROBENZENE
5U ETHYL BENZENE
5U STYRENE
5U TOTAL XYLENES

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

METALS DATA REPORT

 ** PROJECT NO. 90-525 SAMPLE NO. 47002 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: G THOMAS **
 ** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC **
 ** STATION ID: PB-01 COLLECTION START: 06/05/90 0800 STOP: 00/00/00 **
 ** CASE NUMBER: 14224 MD NUMBER: W037 **
 **

SAS NUMBER:

UG/L	ANALYTICAL RESULTS
110U	ALUMINUM
21U	ANTIMONY
1U	ARSENIC
16	BARIUM
1U	BERYLLIUM
3U	CADMUM
1500UJ	CALCIUM
9U	CHROMIUM
5U	COBALT
30U	COPPER
50UJ	IRON
1U	LEAD
560U	MAGNESIUM

UG/L	ANALYTICAL RESULTS
10U	MANGANESE
20U	MERCURY
5U	NICKEL
420U	POTASSIUM
2U	SELENIUM
2U	SILVER
7500U	SODIUM
2U	THALLIUM
NA	TIN
2U	VANADIUM
20UJ	ZINC

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

SPECIFIED ANALYSIS DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47002 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
** STATION ID: PB-01 COLLECTION START: 06/05/90 0800 STOP: 00/00/00
** CASE NO.: 14224 D. NO.: W037 MD NO.: W037
**

RESULTS UNITS PARAMETER
10U UG/L CYANIDE

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

SPECIFIED ANALYSIS DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47003 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: G THOMAS **
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC **
** STATION ID: PW-01 COLLECTION START: 06/05/90 1015 STOP: 00/00/00 **
** CASE NO.: 14224 SAS NO.: D. NO.: W033 MD NO: W033 **
*** *

RESULTS UNITS PARAMETER
10U UG/L CYANIDE

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

METALS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47003 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: G THOMAS
 ** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
 ** STATION ID: PW-01 COLLECTION START: 06/05/90 1015 STOP: 00/00/00
 ** CASE NUMBER: 14224 SAS NUMBER: MD NUMBER: W033
 **

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
680U	ALUMINUM	20U	MANGANESE
21U	ANTIMONY	.20U	MERCURY
1U	ARSENIC	.5U	NICKEL
29	BARIUM	420U	POTASSIUM
1U	BERYLLIUM	2U	SELENIUM
3U	CADMIUM	2U	SILVER
9300UJ	CALCIUM	9400U	SODIUM
9U	CHROMIUM	2U	THALLIUM
5U	COBALT	NA	TIN
20U	COPPER	2U	VANADIUM
600UJ	IRON	20UJ	ZINC
10U	LEAD		
1300U	MAGNESIUM		

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

PURGEABLE ORGANICS DATA REPORT

** PROJECT NO. 90-525 SAMPLE NO. 47003 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
** STATION ID: PW-01 COLLECTION START: 06/05/90 1015 STOP: 00/00/00

** CASE NO.: 14224

SAS NO.:

D. NO.: W033

UG/L

ANALYTICAL RESULTS

UG/L

ANALYTICAL RESULTS

1OU CHLOROMETHANE
1OU BROMOMETHANE
1OU VINYL CHLORIDE
1OU CHLOROETHANE
5U METHYLENE CHLORIDE
1OU ACETONE
5U CARBON DISULFIDE
5U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U 1,1-DICHLOROETHANE
5U 1,2-DICHLOROETHENE (TOTAL)
5U CHLOROFORM
5U 1,2-DICHLOROETHANE
1OU Methyl Ethyl Ketone
5U 1,1,1-TRICHLOROETHANE
5U CARBON TETRACHLORIDE
1OU VINYL ACETATE
5U BROMODICHLOROMETHANE

5U 1,2-DICHLOROPROPANE
5U CIS-1,3-DICHLOROPROPENE
5U TRICHLOROETHENE(TRICHLOROETHYLENE)
5U DIBROMOCHLOROMETHANE
5U 1,1,2-TRICHLOROETHANE
5U BENZENE
5U TRANS-1,3-DICHLOROPROPENE
5U BROMOFORM
1OU METHYL ISOBUTYL KETONE
1OU METHYL BUTYL KETONE
5U TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U 1,1,2,2-TETRACHLOROETHANE
5U TOLUENE
5U CHLOROBENZENE
5U ETHYL BENZENE
5U STYRENE
5U TOTAL XYLENES

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

EXTRACTABLE ORGANICS DATA REPORT

** PROJECT NO. 90-525	SAMPLE NO. 47003	SAMPLE TYPE: GROUNDWA	PROG ELEM: NSF	COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO			CITY: ASHEBORO	ST: NC
** STATION ID: PW-01			COLLECTION START: 06/05/90	1015 STOP: 00/00/00
** CASE NO.: 14224		SAS NO.:	D. NO.: W033	
UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS	
1OU PHENOL		5OU 3-NITROANILINE		
1OU BIS(2-CHLOROETHYL) ETHER		1OU ACENAPHTHENE		
1OU 2-CHLOROPHENOL		5OU 2, 4-DINITROPHENOL		
1OU 1, 3-DICHLOROBENZENE		5OU 4-NITROPHENOL		
1OU 1, 4-DICHLOROBENZENE		1OU DIBENZOFURAN		
1OU BENZYL ALCOHOL		1OU 2, 4-DINITROTOLUENE		
1OU 1, 2-DICHLOROBENZENE		1OU DIETHYL PHTHALATE		
1OU 2-METHYLPHENOL		1OU 4-CHLOROPHENYL PHENYL ETHER		
1OU BIS(2-CHLOROISOPROPYL) ETHER		1OU FLUORENE		
1OU (3-AND/OR 4-)METHYLPHENOL		5OU 4-NITROANILINE		
1OU N-NITROSODI-N-PROPYLAMINE		5OU 2-METHYL-4, 6-DINITROPHENOL		
1OU HEXACHLOROETHANE		1OU N-NITROSODIPHENYLAMINE/DIPHENYLAMINE		
1OU NITROBENZENE		1OU 4-BROMOPHENYL PHENYL ETHER		
1OU ISOPHORONE		1OU HEXACHLOROBENZENE (HCB)		
1OU 2-NITROPHENOL		5OU PENTACHLOROPHENOL		
1OU 2, 4-DIMETHYLPHENOL		1OU PHENANTHRENE		
5OU BENZOIC ACID		1OU ANTHRACENE		
1OU BIS(2-CHLOROETHOXY) METHANE		1OU DI-N-BUTYL PHTHALATE		
1OU 2, 4-DICHLOROPHENOL		1OU FLUORANTHENE		
1OU 1, 2, 4-TRICHLOROBENZENE		1OU PYRENE		
1OU NAPHTHALENE		1OU BENZYL BUTYL PHTHALATE		
1OU 4-CHLOROANILINE		2OU 3, 3'-DICHLOROBENZIDINE		
1OU HEXACHLOROBUTADIENE		1OU BENZO(A)ANTHRACENE		
1OU 4-CHLORO-3-METHYLPHENOL		1OU CHRYSENE		
1OU 2-METHYLNAPHTHALENE		1OU BIS(2-ETHYLHEXYL) PHTHALATE		
1OU HEXACHLOROCYCLOPENTADIENE (HCCP)		1OU DI-N-OCTYL PHTHALATE		
1OU 2, 4, 6-TRICHLOROPHENOL		1OU BENZO(B AND/OR K)FLUORANTHENE		
5OU 2, 4, 5-TRICHLOROPHENOL		1OU BENZO-A-PYRENE		
1OU 2-CHLORONAPHTHALENE		1OU INDENO (1, 2, 3-CD) PYRENE		
5OU 2-NITROANILINE		1OU DIBENZO(A, H)ANTHRACENE		
1OUR DIMETHYL PHTHALATE		1OU BENZO(GHI)PERYLENE		
1OU ACENAPHTHYLENE				
1OU 2, 6-DINITROTOLUENE				

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

07/30/90

PESTICIDES/PCB'S DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47003 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
** STATION ID: PW-01 COLLECTION START: 06/05/90 1015 STOP: 00/00/00
** CASE NUMBER: 14224 D NUMBER: W033

UG/L ANALYTICAL RESULTS

.050U ALPHA-BHC
.050U BETA-BHC
.050U DELTA-BHC
.050U GAMMA-BHC (LINDANE)
.050U HEPTACHLOR
.050U ALDRIN
.050U HEPTACHLOR EPOXIDE
.050U ENDOSULFAN I (ALPHA)
.10U DIELDRIN
.10U 4,4'-DDE (P,P'-DDE)
.10U ENDRIN
.10U ENDOSULFAN II (BETA)
.10U 4,4'-DDD (P,P'-DDD)
.10U ENDOSULFAN SULFATE
.10U 4,4'-DDT (P,P'-DDT)

UG/L ANALYTICAL RESULTS

.50U METHOXYCHLOR
.10U ENDRIN KETONE
CHLORDANE (TECH. MIXTURE) /1
.50U GAMMA-CHLORDANE /2
.50U ALPHA-CHLORDANE /2
.1.0U TOXAPHENE
.50U PCB-1016 (AROCLOL 1016)
.50U PCB-1221 (AROCLOL 1221)
.50U PCB-1232 (AROCLOL 1232)
.50U PCB-1242 (AROCLOL 1242)
.50U PCB-1248 (AROCLOL 1248)
.1.0U PCB-1254 (AROCLOL 1254)
.1.0U PCB-1260 (AROCLOL 1260)

REMARKS

REMARKS

FOOTNOTES

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*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

APPENDIX C
Site Inspection Report



Site Inspection Report



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NCD 003236437	

II. SITE NAME AND LOCATION

01 SITE NAME General Electric Company	02 STREET, ROUTE NO. OR SPECIFIC LOCATION IDENTIFIER 1758 South Fayetteville Street				
03 C.T.Y. Asheboro	04 STATE NC	05 ZIP CODE 27205	06 COUNTY Randolph	07 CITY, TOWN, VILLAGE Asheboro	08 ZIP CODE 27205
09 COORDINATES LATITUDE 35 40 55.0	LONGITUDE 79 49 15.0	10 TYPE OF OWNERSHIP Check one <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER <input type="checkbox"/> G. UNKNOWN			

III. INSPECTION INFORMATION

01 DATE OF INSPECTION 06 05 90	02 SITE STATUS <input checked="" type="checkbox"/> ACTIVE <input type="checkbox"/> INACTIVE	03 YEARS OF OPERATION 1945, Present	04 AGENCY PERFORMING INSPECTION Check off that apply <input checked="" type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR NUS Corporation <input type="checkbox"/> C. STATE <input type="checkbox"/> D. STATE CONTRACTOR <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. MUNICIPAL CONTRACTOR <input type="checkbox"/> G. OTHER	05 CHIEF INSPECTOR Greg Thomas	06 TITLE Project Manager	07 ORGANIZATION NUS	08 TELEPHONE NO (404) 938-7710
--	---	---	--	--	------------------------------------	-------------------------------	--

09 OTHER INSPECTORS Tim Phillips	10 TITLE Co Manager	11 ORGANIZATION NUS	12 TELEPHONE NO (404) 938-7710
Sam Pratt	Sampler	"	(404) 938-7710
Brant McLanless	Sampler	"	(404) 938-7710
Alvin Williams	Sampler (Paperwork)	"	(404) 938-7710
Mark Hitchcock	Sampler	"	(404) 938-7710

13 SITE REPRESENTATIVES INTERVIEWED Ray Pope	14 TITLE Environmental Engineer	15 ADDRESS Black & Decker	16 TELEPHONE NO (404) 938-7710
Irene D'Amico	Environmental Manager	GE	(404) 938-7710
DAN Lovengood	Consultant for GE		(404) 938-7710
			(404) 938-7710
			(404) 938-7710
			(404) 938-7710

17 ACCESS GAINED BY <input checked="" type="checkbox"/> PERMISSION <input type="checkbox"/> WARRANT	18 TIME OF INSPECTION 0800	19 WEATHER CONDITIONS Sunny to partly cloudy
---	--------------------------------------	--

IV. INFORMATION AVAILABLE FROM				
01 CONTACT FARL BOZEMAN	02 OFF AGENCY/ORGANIZATION EPA - ATLANTA			03 TELEPHONE NO (404) 347-5065
04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM Tim Phillips	05 AGENCY NUS	06 ORGANIZATION NUS	07 TELEPHONE NO. 404 938-7710	08 DATE 10.30.90



**POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 2 - WASTE INFORMATION**

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
WV O	003236437

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

14. FISICAL STATES	15. WASTE QUANTITY AT SITE	16. WASTE CHARACTERISTICS	
A SOLID B POWDER/FINES C SLUDGE D OTHER	E LIQUID F SOLID G JAS	MASS OF WASTE (TONS) TONS 4 CUBIC YARDS NO OF DRUMS	X TOXIC B CORROSIVE C RADIGACTIVE D PERSISTENT E SOLUBLE F INFECTIOUS G FLAMMABLE H GINTABLE J EXPLOSIVE K REACTIVE L INCOMPATIBLE M NOT APPL CABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	J1 GROSS AMOUNT	J2 UNIT OF MEASURE	J3 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES See Appendix for most frequently cited CAS numbers.

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
	Chromium nickel lead			80 41 25	mg/kg mg/kg mg/kg
	Benz(a)anthracene			600	ug/kg
	Benz(a)-pyrene			620	ug/kg

V FEEDSTOCKS

CATEGORY	Q1 FEEDSTOCK NAME	Q2 CAS NUMBER	CATEGORY	Q1 FEEDSTOCK NAME	Q2 CAS NUMBER
FDS	Nickel	7440-02-0	FDS		
FDS	chromium	14440-47-3	FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Give specific references, e.g., state laws, sample analysis, FCC 1978)

State file material, part 4, field investigation

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE NC D 02 SITE NUMBER 03236437

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 J DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE _____)

 POTENTIAL ALLEGED

NA

01 K DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE _____)

 POTENTIAL ALLEGED

NA

01 L CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE _____)

 POTENTIAL ALLEGED

NA

01 M UNSTABLE CONTAINMENT OF WASTES
Silos, Pools, Standing liquids, Leaking drums,

02 OBSERVED (DATE _____)

 POTENTIAL ALLEGED

03 POPULATION POTENTIALLY AFFECTED _____

04 NARRATIVE DESCRIPTION

NA

01 N DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE _____)

 POTENTIAL ALLEGED

NA

01 O CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTIONNickel was detected in drainage ditch running
through property01 P ILLEGAL UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE _____)

 POTENTIAL ALLEGED

NA

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL OR ALLEGED HAZARDS

Inorganic and organic compounds were detected at various
locations on the property

III. TOTAL POPULATION POTENTIALLY AFFECTED: 5,909

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, records.)

State file material and results from Fict. field investigation
of June 5, 1990



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NC	003236437

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 A GROUNDWATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED	02 OBSERVED DATE <u>6-4-90</u> 04 NARRATIVE DESCRIPTION	<input checked="" type="checkbox"/> POTENTIAL <p>The potential exist due to lead, chromium, nickel being found in the facility soils.</p>	<input type="checkbox"/> ALLEGED
01 B SURFACE WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED	02 OBSERVED DATE <u>6-4-90</u> 04 NARRATIVE DESCRIPTION	<input checked="" type="checkbox"/> POTENTIAL <p>The potential exist due to benzo(A)anthracene and benzo(A)-pyrene being found in the pond sediments.</p>	<input type="checkbox"/> ALLEGED
01 C CONTAMINATION OF AIR 03 POPULATION POTENTIALLY AFFECTED	02 OBSERVED DATE 04 NARRATIVE DESCRIPTION	<input type="checkbox"/> POTENTIAL <p>N/A</p>	<input type="checkbox"/> ALLEGED
01 D FIRE EXPLOSIVE CONDITIONS 03 POPULATION POTENTIALLY AFFECTED	02 OBSERVED DATE 04 NARRATIVE DESCRIPTION	<input type="checkbox"/> POTENTIAL <p>N/A</p>	<input type="checkbox"/> ALLEGED
01 E DIRECT CONTACT 03 POPULATION POTENTIALLY AFFECTED	02 OBSERVED DATE 04 NARRATIVE DESCRIPTION	<input type="checkbox"/> POTENTIAL <p>N/A</p>	<input type="checkbox"/> ALLEGED
01 F CONTAMINATION OF SOIL 03 AREA POTENTIALLY AFFECTED	02 OBSERVED DATE <u>6-4-90</u> 04 NARRATIVE DESCRIPTION <u>6-4</u>	<input type="checkbox"/> POTENTIAL <p>Sampling locations were detected to have hazardous contaminants, lead, nickel, chromium, manganese</p>	<input type="checkbox"/> ALLEGED
01 G DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED	02 OBSERVED DATE <u>6-4-90</u> 04 NARRATIVE DESCRIPTION	<input checked="" type="checkbox"/> POTENTIAL <p>The potential exist due to the contaminated soil thru which water comes get into the groundwater aquifer and the number of groundwater targets.</p>	<input type="checkbox"/> ALLEGED
01 H WORKER EXPOSURE INJURY 03 WORKERS POTENTIALLY AFFECTED	02 OBSERVED DATE 04 NARRATIVE DESCRIPTION	<input type="checkbox"/> POTENTIAL <p>N/A</p>	<input type="checkbox"/> ALLEGED
01 I POPULATION EXPOSURE INJURY 03 POPULATION POTENTIALLY AFFECTED	02 OBSERVED DATE 04 NARRATIVE DESCRIPTION	<input type="checkbox"/> POTENTIAL <p>N/A</p>	<input type="checkbox"/> ALLEGED



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION	
O1 STATE	O2 SITE NUMBER
WCA	003236437

II. PERMIT INFORMATION

O1 TYPE OF PERMIT ISSUED <small>Check one</small>	O2 PERMIT NUMBER	O3 DATE ISSUED	O4 EXPIRATION DATE	O5 COMMENTS
<input type="checkbox"/> A NPDES				
<input type="checkbox"/> B UIC				
<input type="checkbox"/> C AIR				
<input type="checkbox"/> D RCRA				
E RCRA INTERIM STATUS	TSD	NOV 1980	JUN 21 1983	Part A was asked to be recorded
F SPCC PLAN				
G STATE				
H LOCAL				
I OTHER <small>Specify</small>	NPDES, Air Permits			
J NONE				

III. SITE DESCRIPTION

O1 STORAGE DISPOSAL <small>Check one(s)</small>	O2 AMOUNT	O3 UNIT OF MEASURE	O4 TREATMENT <small>Check one(s) if applicable</small>	O5 OTHER
<input type="checkbox"/> A SURFACE IMPOUNDMENT			<input type="checkbox"/> A. INCINERATION	
<input type="checkbox"/> B PILES			<input type="checkbox"/> B. UNDERGROUND INJECTION	
<input checked="" type="checkbox"/> C DRUMS ABOVE GROUND			<input type="checkbox"/> C. CHEMICAL PHYSICAL	
<input type="checkbox"/> D TANK, ABOVE GROUND			<input type="checkbox"/> D. BIOLOGICAL	
<input type="checkbox"/> E. TANK, BELOW GROUND			<input checked="" type="checkbox"/> E. WASTE OIL PROCESSING	
<input type="checkbox"/> F. LANDFILL			<input type="checkbox"/> F. SOLVENT RECOVERY	
<input type="checkbox"/> G. LANDFARM			<input type="checkbox"/> G. OTHER RECYCLING/RECOVERY	
<input type="checkbox"/> H. OPEN DUMP			<input type="checkbox"/> H. OTHER <small>Specify</small>	
<input type="checkbox"/> I. OTHER <small>Specify</small>				
O7 COMMENTS	<p>Waste liquids are stored in drums until they are hauled off. There is a oil/water separator present. The company does have a NPDES permit and air permits (# 76-72-16-0001 76-72-16-0002 76-72-16-0004 32-28-R-2)</p>			

IV. CONTAINMENT

O1 CONTAINMENT OF WASTES <small>Check one(s)</small>	O2 DESCRIPTION OF DRUMS DIKING LINERS BARRIERS, ETC.
<input checked="" type="checkbox"/> A ADEQUATE, SECURE	<input type="checkbox"/> B. MODERATE
<input type="checkbox"/> C INADEQUATE, POOR	<input type="checkbox"/> D. INSECURE, UNSOUND, DANGEROUS

O2 DESCRIPTION OF DRUMS DIKING LINERS BARRIERS, ETC.
There is a 2 foot tall brick wall around the hazardous waste, retaining chemical storage area. A fence is located around the entire storage area.

V. ACCESSIBILITY

O1 WASTE EASILY ACCESSIBLE	O2 COMMENTS
<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

VI. SOURCES OF INFORMATION O1 is specific references, e.g. state law, sample analysis, reports.

NUS Field Investigation June 6, 1990



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE

02 SITE NUMBER

NC b 003236437

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY <small>LIMITED OTHER SOURCES AVAILABLE</small>		02 STATUS			03 DISTANCE TO SITE	
COMMUNITY	SURFACE	WELL	ENDANGERED	AFFECTED	MONITORED	A <u>5</u> (mi) B <u>0.20</u> (mi)
NON-COMMUNITY	A <input checked="" type="checkbox"/>	B <input type="checkbox"/>	C <input type="checkbox"/>	D <input type="checkbox"/>	E <input type="checkbox"/>	F <input type="checkbox"/>

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY Check one(s)

- A ONLY SOURCE FOR DRINKING B DRINKING
Other sources available
COMMERCIAL, INDUSTRIAL, IRRIGATION
No other water sources available

02 POPULATION SERVED BY GROUND WATER <u>4,731</u>	03 DISTANCE TO NEAREST DRINKING WATER WELL <u>1.20</u> (mi)
04 DEPTH TO GROUNDWATER <u>31</u> (m)	05 DIRECTION OF GROUNDWATER FLOW <u>To creeks</u>

09 DESCRIPTION OF WELLS: (including usage, depth and location relative to population and buildings)

~~avg~~ Average well depth is 150 feet below land surface.

IV. SURFACE WATER

01 SURFACE WATER USE Check one(s)

- A RESERVOIR, RECREATION
DRINKING WATER SOURCE B IRRIGATION, ECONOMICALLY
IMPORTANT RESOURCES C COMMERCIAL, INDUSTRIAL D NOT CURRENTLY USED

02 AFFECTED POTENTIALLY AFFECTED BODIES OF WATER

NAME	FFECTED	DISTANCE TO SITE
<u>Little River</u>	<input type="checkbox"/>	<u>1/2</u> (mi)
	<input type="checkbox"/>	<u> </u> (mi)
	<input type="checkbox"/>	<u> </u> (mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

ONE (1) MILE OF SITE
3223
NO OF PERSONSTWO (2) MILES OF SITE
9132
NO OF PERSONSTHREE (3) MILES OF SITE
13,118
NO OF PERSONS

02 DISTANCE TO NEAREST POPULATION

1.25 (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE

Numerous

04 DISTANCE TO NEAREST OFF-SITE BUILDING

1.25 (mi)05 POPULATION WITHIN VICINITY OF SITE Provide narrative description of nature of population within vicinity of site e.g., rural village, densely populated urban area

The area around the site is a mostly residential area, with some industry.



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE | 02 SITE NUMBER

NC 003236437

VI. ENVIRONMENTAL INFORMATION

11 PERMEABILITY OF UNSATURATED ZONE

A $10^{-7} - 10^{-6}$ cm/sec B $10^{-4} - 10^{-3}$ cm/sec C $10^{-4} - 10^{-3}$ cm/sec D GREATER THAN 10^{-3} cm/sec

12 PERMEABILITY OF BEDROCK

A IMPERMEABLE X B RELATIVELY IMPERMEABLE C RELATIVELY PERMEABLE D VERY PERMEABLE
 $10^{-10} - 10^{-9}$ cm/sec $10^{-2} - 10^{-1}$ cm/sec Greater than 10^{-2} cm/sec

13 DEPTH TO BEDROCK

30-40 (ft)

14 DEPTH OF CONTAMINATED SOIL ZONE

4 (m)

15 SOIL SH

16 NET PRECIPITATION

5 (in)

17 ONE YEAR 24 HOUR RAINFALL

2.75 (in)

18 SLOPE SITE SLOPE

15 %

19 DIRECTION OF SITE SLOPE

WEST

20 TERRAIN AVERAGE SLOPE

3 %

21 FLOOD POTENTIAL

0

SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

22 DISTANCE TO WETLANDS

ESTUARINE

OTHER

23 DISTANCE TO CRITICAL HABITAT (or endangered species)

A _____ (mi)

B _____ (mi)

C. ENDANGERED SPECIES. _____ (mi)

24 LAND USE IN VICINITY

DISTANCE TO

COMMERCIAL INDUSTRIAL

RESIDENTIAL AREAS, NATIONAL STATE PARKS,
FORESTS, OR WILDLIFE RESERVES

AGRICULTURAL LANDS
PRIME AG LAND AG LAND

A 1.25 (mi)

B 1.25 (mi)

C. _____ (mi) D. _____ (mi)

25 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

The site is located on a valley and ridge system.

VII. SOURCES OF INFORMATION (List specific references, e.g., state files, sample analysis, reports)

Toographic Map of Asheboro



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NC	02 3236437

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER	1	Organic - Davist Floyd - Greenwood	
SURFACE WATER		South Carolina	
WASTE			
AIR			
RUNOFF			
SPILL			
SOIL	9	Inorganic - Betz Laboratories, The Woodlands, Texas	
VEGETATION			
OTHER			

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS
pH, Cond, Temp	private well

IV. PHOTOGRAPHS AND MAPS

01 TYPE	02 GROUND	03 AERIAL	02 IN CUSTODY OF	03 NAME ORGANIZATION OR INDIVIDUAL
	X		NUS Corp.	

03 MAPS

YES

NO

04 LOCATION OF MAPS

Topo's

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

VI. SOURCES OF INFORMATION (List local references e.g. histories, maps & publications)

Fit 4 Field Investigation



**POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION**

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 7 - OWNER INFORMATION						I. IDENTIFICATION					
II. CURRENT OWNER(S)			PARENT COMPANY			01 STATE 02 SITE NUMBER NC 003236437					
01 NAME <i>Black & Decker</i>	02 D-B NUMBER	03 NAME	04 D-B NUMBER	05 CITY <i>Asheboro</i>	06 STATE <i>NC</i>	07 ZIP CODE	08 CITY	09 STATE <i>NC</i>	10 ZIP CODE		
C1 STREET ADDRESS <i>1758 South Fayetteville St.</i>	C4 SIC CODE	C1 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	C4 SIC CODE	C1 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	C4 SIC CODE	C1 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	C4 SIC CODE	C1 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	C4 SIC CODE		
01 NAME	02 D-B NUMBER	03 NAME	04 D-B NUMBER	05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE		
03 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	C4 SIC CODE	10 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	C4 SIC CODE	12 CITY	13 STATE	14 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE		
01 NAME	02 D-B NUMBER	03 NAME	04 D-B NUMBER	05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE		
03 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	C4 SIC CODE	10 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	C4 SIC CODE	12 CITY	13 STATE	14 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE		
01 NAME	02 D-B NUMBER	03 NAME	04 D-B NUMBER	05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE		
03 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	C4 SIC CODE	10 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	C4 SIC CODE	12 CITY	13 STATE	14 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE		
01 NAME	02 D-B NUMBER	03 NAME	04 D-B NUMBER	05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE		
03 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	C4 SIC CODE	10 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	C4 SIC CODE	12 CITY	13 STATE	14 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE		
III. PREVIOUS OWNER(S) (list most recent first)						IV. REALTY OWNER(S) (list addressess in most recent first)					
01 NAME <i>General Electric Co.</i>	02 D-B NUMBER	03 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	04 SIC CODE	05 CITY <i>Same</i>	06 STATE	07 ZIP CODE	03 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE
01 NAME	02 D-B NUMBER	03 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE	03 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE
01 NAME	02 D-B NUMBER	03 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE	03 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE
01 NAME	02 D-B NUMBER	03 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE	03 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE
01 NAME	02 D-B NUMBER	03 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE	03 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE
01 NAME	02 D-B NUMBER	03 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE	03 STREET ADDRESS <i>P.O. Box 4204 RFD # 4</i>	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE
V. SOURCES OF INFORMATION (Check specific references, e.g., site files, sample analysis, reports.)						<i>State File Material</i>					



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION
01 STATE | 02 SITE NUMBER
NCD | 003236437

II. CURRENT OPERATOR <small>(List most recent first; provide only if different from owner)</small>				OPERATOR'S PARENT COMPANY <small>(List most recent first; provide only if different from owner)</small>			
01 NAME <i>Black & Decker</i>		02 D-B NUMBER		10 NAME		11 D-B NUMBER	
03 STREET ADDRESS <i>1758 S. Fayetteville St.</i>		04 SIC CODE		12 STREET ADDRESS <i>P.O. Box 2400 etc.</i>		13 SIC CODE	
05 CITY <i>Ashboro</i>		06 STATE <i>NC</i>	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION <i>6</i>	09 NAME OF OWNER <i>Same</i>						
III. PREVIOUS OPERATOR(S) <small>(List most recent first; provide only if different from owner)</small>				PREVIOUS OPERATORS' PARENT COMPANIES <small>(List most recent first; provide only if different from owner)</small>			
01 NAME <i>General Electric</i>		02 D-B NUMBER		10 NAME		11 D-B NUMBER	
03 STREET ADDRESS <i>P.O. Box 2400 etc.</i>		04 SIC CODE		12 STREET ADDRESS <i>P.O. Box 2400 etc.</i>		13 SIC CODE	
05 CITY		06 STATE <i>Same</i>	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION <i>1952 - 1984</i>	09 NAME OF OWNER DURING THIS PERIOD <i>GE</i>						
01 NAME <i>Furniture Company</i>		02 D-B NUMBER		10 NAME		11 D-B NUMBER	
03 STREET ADDRESS <i>(name unknown)</i>		04 SIC CODE		12 STREET ADDRESS <i>(P.O. Box, RFD # etc.)</i>		13 SIC CODE	
05 CITY		06 STATE <i></i>	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD						
IV. SOURCES OF INFORMATION <small>(Cite specific references, e.g., state files, sample analysis, reports)</small>				<i>State & EPA File Material</i>			



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION	
01 STATE NC	02 SITE NUMBER 003236437

II. ON-SITE GENERATOR

01 NAME Black & Decker	02 D-B NUMBER	
03 STREET ADDRESS 1758 S. Fayetteville ST	04 SIC CODE	
05 CITY Asheboro	06 STATE NC	07 ZIP CODE

III. OFF-SITE GENERATOR(S)

01 NAME	02 D-B NUMBER	01 NAME	02 D-B NUMBER		
03 STREET ADDRESS P O Box RFD # etc	04 SIC CODE	03 STREET ADDRESS P O Box RFD # etc	04 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
01 NAME	02 D-B NUMBER	01 NAME	02 D-B NUMBER		
03 STREET ADDRESS P O Box RFD # etc	04 SIC CODE	03 STREET ADDRESS P O Box RFD # etc	04 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

IV. TRANSPORTER(S)

01 NAME Oldover Corp	02 D-B NUMBER	01 NAME	02 D-B NUMBER		
03 STREET ADDRESS P O Box RFD # etc	04 SIC CODE	03 STREET ADDRESS P O Box RFD # etc	04 SIC CODE		
05 CITY Cascade	06 STATE VA	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
01 NAME	02 D-B NUMBER	01 NAME	02 D-B NUMBER		
03 STREET ADDRESS P O Box RFD # etc	04 SIC CODE	03 STREET ADDRESS P O Box RFD # etc	04 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

V. SOURCES OF INFORMATION (e.g. specific references, e.g., state laws, sample analysis, reports)

State & EPA File Material



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION

01 STATE NCA 02 SITE NUMBER 003236437

II. PAST RESPONSE ACTIVITIES

01 E A WATER SUPPLY CLOSED 04 DESCRIPTION	02 DATE	03 AGENCY
NA		
01 E B TEMPORARY WATER SUPPLY PROVIDED 04 DESCRIPTION	02 DATE	03 AGENCY
NA		
01 E C PERMANENT WATER SUPPLY PROVIDED 04 DESCRIPTION	02 DATE	03 AGENCY
NA		
01 E D SPILLED MATERIAL REMOVED 04 DESCRIPTION	02 DATE	03 AGENCY
NA		
01 E E CONTAMINATED SOIL REMOVED 04 DESCRIPTION	02 DATE	03 AGENCY
NA		
01 E F WASTE REPACKAGED 04 DESCRIPTION	02 DATE	03 AGENCY
NA		
01 E G. WASTE DISPOSED ELSEWHERE 04 DESCRIPTION	02 DATE	03 AGENCY
NA		
01 E H. ON SITE BURIAL 04 DESCRIPTION	02 DATE 1936-1962	03 AGENCY
copper wire - contained radioactive Isotope 32P		
01 E I IN SITU CHEMICAL TREATMENT 04 DESCRIPTION	02 DATE	03 AGENCY
NA		
01 E J IN SITU BIOLOGICAL TREATMENT 04 DESCRIPTION	02 DATE	03 AGENCY
NA		
01 E K IN SITU PHYSICAL TREATMENT 04 DESCRIPTION	02 DATE	03 AGENCY
NA		
01 E L ENCAPSULATION 04 DESCRIPTION	02 DATE	03 AGENCY
NA		
01 E M EMERGENCY WASTE TREATMENT 04 DESCRIPTION	02 DATE	03 AGENCY
NA		
01 E N CUTOFF WALLS 04 DESCRIPTION	02 DATE	03 AGENCY
retaining wall around hazardous Material area		
01 E O EMERGENCY DIVING SURFACE WATER DIVERSION 04 DESCRIPTION	02 DATE	03 AGENCY
NA		
01 E P CUTOFF TRENCHES SUMP 04 DESCRIPTION	02 DATE	03 AGENCY
Sump present in Storage & area		
01 E Q SUBSURFACE CUTOFF WALL 04 DESCRIPTION	02 DATE	03 AGENCY
NA		



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION
01 STATE | 02 SITE NUMBER
VLD | 003236437

II. PAST RESPONSE ACTIVITIES

01 R BARRIER WALLS CONSTRUCTED
04 DESCRIPTION

02 DATE _____ 03 AGENCY _____

n/a

01 S CAPPING COVERING
04 DESCRIPTION

02 DATE _____ 03 AGENCY _____

n/a

01 T BULK TANKAGE REPAIRED
04 DESCRIPTION

02 DATE _____ 03 AGENCY _____

n/a

01 U GROUT CURTAIN CONSTRUCTED
04 DESCRIPTION

02 DATE _____ 03 AGENCY _____

n/a

01 V BOTTOM SEALED
04 DESCRIPTION

02 DATE _____ 03 AGENCY _____

n/a

01 W GAS CONTROL
04 DESCRIPTION

02 DATE _____ 03 AGENCY _____

n/a

01 X FIRE CONTROL
04 DESCRIPTION

02 DATE _____ 03 AGENCY _____

n/a

01 Y LEACHATE TREATMENT
04 DESCRIPTION

02 DATE _____ 03 AGENCY _____

n/a

01 Z AREA EVACUATED
04 DESCRIPTION

02 DATE _____ 03 AGENCY _____

n/a

01 : ACCESS TO SITE RESTRICTED
04 DESCRIPTION

02 DATE _____ 03 AGENCY _____

Fence around facility

01 : 2 POPULATION RELOCATED
04 DESCRIPTION

02 DATE _____ 03 AGENCY _____

n/a

01 : 3 OTHER REMEDIAL ACTIVITIES
04 DESCRIPTION

02 DATE _____ 03 AGENCY _____

n/a

III. SOURCES OF INFORMATION

(List specific references e.g. state/ local agency records)

state of EPA File Materials /



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NC	003236437

II. ENFORCEMENT INFORMATION

11 PAST REGULATORY ENFORCEMENT ACTION YES NO

12 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY ENFORCEMENT ACTION

III. SOURCES OF INFORMATION (One specific reference, e.g., state Reg. sample analysis report)

State & EPA File Material

APPENDIX

I. FEEDSTOCKS

CAS Number	Chemical Name	CAS Number	Chemical Name	CAS Number	Chemical Name
1. 7664-41-7	Ammonia	14. 1317-38-0	Cupric Oxide	27. 7778-50-9	Potassium Dichromate
2. 7440-36-0	Antimony	15. 7758-98-7	Cupric Sulfate	28. 1310-58-3	Potassium Hydroxide
3. 1309-64-4	Antimony Trioxide	16. 1317-39-1	Cuprous Oxide	29. 115-07-1	Propylene
4. 7440-38-2	Arsenic	17. 74-85-1	Ethylenes	30. 10588-01-9	Sodium Dichromate
5. 1327-53-3	Arsenic Trioxide	18. 7647-01-0	Hydrochloric Acid	31. 1310-73-2	Sodium Hydroxide
6. 21109-95-5	Barium Sulfide	19. 7664-39-3	Hydrogen Fluoride	32. 7646-78-8	Stannic Chloride
7. 7726-95-6	Bromine	20. 1335-25-7	Lead Oxide	33. 7772-99-8	Stannous Chloride
8. 106-99-0	Butadiene	21. 7439-97-6	Mercury	34. 7664-93-9	Sulfuric Acid
9. 7440-43-9	Cadmium	22. 74-82-8	Methane	35. 108-88-3	Toluene
10. 7782-50-5	Chlorine	23. 91-20-3	Naphthalene	36. 1330-20-7	Xylene
11. 12737-27-8	Chromite	24. 7440-02-0	Nickel	37. 7646-85-7	Zinc Chloride
12. 7440-47-3	Chromium	25. 7697-37-2	Nitric Acid	38. 7733-02-0	Zinc Sulfate
13. 7440-48-4	Cobalt	26. 7723-14-0	Phosphorus		

II. HAZARDOUS SUBSTANCES

CAS Number	Chemical Name	CAS Number	Chemical Name	CAS Number	Chemical Name
1. 75-07-0	Acetaldehyde	47. 1303-33-9	Arsenic Trisulfide	92. 142-71-2	Cupric Acetate
2. 64-19-7	Acetic Acid	48. 542-62-1	Barium Cyanide	93. 12002-03-8	Cupric Acetoarsenite
3. 108-24-7	Acetic Anhydride	49. 71-43-2	Benzene	94. 7447-39-4	Cupric Chloride
4. 75-86-5	Acetone Cyanohydrin	50. 65-85-0	Benzoic Acid	95. 3251-23-8	Cupric Nitrate
5. 506-98-7	Acetyl Bromide	51. 100-47-0	Benzonitrile	96. 5893-66-3	Cupric Oxalate
6. 75-36-5	Acetyl Chloride	52. 98-88-4	Benzoyl Chloride	97. 7758-98-7	Cupric Sulfate
7. 107-02-8	Acrolein	53. 100-44-7	Benzyl Chloride	98. 10380-29-7	Cupric Sulfate Ammoniated
8. 107-13-1	Acrylonitrile	54. 7440-41-7	Beryllium	99. 815-82-7	Cupric Tartrate
9. 124-04-9	Adipic Acid	55. 7787-47-5	Beryllium Chloride	100. 506-77-4	Cyanogen Chloride
10. 309-00-2	Aldrin	56. 7787-49-7	Beryllium Fluoride	101. 110-82-7	Cyclohexane
11. 10043-01-3	Aluminum Sulfate	57. 13597-99-4	Beryllium Nitrate	102. 94-75-7	2,4-D Acid
12. 107-18-6	Allyl Alcohol	58. 123-86-4	Butyl Acetate	103. 94-11-1	2,4-D Esters
13. 107-05-1	Allyl Chloride	59. 84-74-2	n-Butyl Phthalate	104. 50-29-3	DDT
14. 7664-41-7	Ammonia	60. 109-73-9	Butylamine	105. 333-41-5	Diazinon
15. 631-61-8	Ammonium Acetate	61. 107-92-6	Butyric Acid	106. 1918-00-9	Dicamba
16. 1863-63-4	Ammonium Benzoate	62. 543-90-8	Cadmium Acetate	107. 1194-65-6	Dichlobenil
17. 1066-33-7	Ammonium Bicarbonate	63. 7789-42-6	Cadmium Bromide	108. 117-80-8	Dichlorethane
18. 7789-09-5	Ammonium Bischromate	64. 10108-64-2	Cadmium Chloride	109. 25321-22-6	Dichlorobenzene (all isomers)
19. 1341-49-7	Ammonium Bisfluoride	65. 7778-44-1	Calcium Arsenate	110. 266-38-19-7	Dichloropropane (all isomers)
20. 10192-30-0	Ammonium Bisulfite	66. 52740-16-6	Calcium Arsenite	111. 26952-23-8	Dichloropropene (all isomers)
21. 1111-78-0	Ammonium Carbamate	67. 75-20-7	Calcium Carbide	112. 8003-19-8	Dichloropropene -
22. 12125-02-9	Ammonium Chloride	68. 13765-19-0	Calcium Chromate		Dichloropropane Mixture
23. 7788-98-9	Ammonium Chromate	69. 592-01-8	Calcium Cyanide	113. 75-99-0	2,2-Dichloropropionic Acid
24. 3012-65-5	Ammonium Citrate, Dibasic	70. 26264-06-2	Calcium Dodecybenzene Sulfonate	114. 62-73-7	Dichlorvos
25. 13826-83-0	Ammonium Fluoborate	71. 7778-54-3	Calcium Hypochlorite	115. 60-57-1	Dieldrin
26. 12125-01-8	Ammonium Fluoride	72. 133-06-2	Captan	116. 109-89-7	Diethylamine
27. 1336-21-6	Ammonium Hydroxide	73. 63-25-2	Carbaryl	117. 124-40-3	Dimethylamine
28. 6009-70-7	Ammonium Oxalate	74. 1563-66-2	Carbofuran	118. 25154-54-5	Dinitrobenzene (all isomers)
29. 16919-19-0	Ammonium Silicofluoride	75. 75-15-0	Carbon Disulfide	119. 51-28-5	Dinitrophenol
30. 7773-06-0	Ammonium Sulfamate	76. 56-23-5	Carbon Tetrachloride	120. 25321-14-6	Dinitrotoluene (all isomers)
31. 12135-76-1	Ammonium Sulfide	77. 57-74-9	Chlordane	121. 85-00-7	Diquat
32. 10196-04-0	Ammonium Sulfite	78. 7782-50-5	Chlorine	122. 298-04-4	Disulfoton
33. 14307-43-8	Ammonium Tartrate	79. 108-90-7	Chlorobenzene	123. 330-54-1	Diuron
34. 1762-95-4	Ammonium Thiocyanate	80. 67-66-3	Chloroform	124. 27176-87-0	Dodecylbenzenesulfonic Acid
35. 7783-18-8	Ammonium Thiosulfate	81. 7790-94-5	Chlorosulfonic Acid	125. 115-29-7	Endosulfan (all isomers)
36. 628-63-7	Amyl Acetate	82. 2921-88-2	Chlorpyrifos	126. 72-20-8	Endrin and Metabolites
37. 82-53-3	Aniline	83. 1066-30-4	Chromic Acetate	127. 106-89-8	Epichlorohydrin
38. 7647-18-9	Antimony Pentachloride	84. 7738-94-5	Chromic Acid	128. 563-12-2	Ethion
39. 7789-61-9	Antimony Tribromide	85. 10101-53-8	Chromic Sulfate	129. 100-41-4	Ethyl Benzene
40. 10025-91-9	Antimony Trichloride	86. 10049-05-5	Chromous Chloride	130. 107-15-3	Ethylenediamine
41. 7783-56-4	Antimony Trifluoride	87. 544-18-3	Cobaltous Formate	131. 106-93-4	Ethylene Dibromide
42. 1309-64-4	Antimony Trioxide	88. 14017-41-5	Cobaltous Sulfamate	132. 107-06-2	Ethylene Dichloride
43. 1303-32-8	Arsenic Disulfide	89. 56-72-4	Coumarophos	133. 60-00-4	EDTA
44. 1303-28-2	Arsenic Pentoxide	90. 1319-77-3	Cresol	134. 1185-57-5	Ferric Ammonium Citrate
45. 7784-34-1	Arsenic Trichloride	91. 4170-30-3	Crotonaldehyde	135. 2944-67-4	Ferric Ammonium Oxalate
46. 1327-53-3	Arsenic Trioxide			136. 7705-08-0	Ferric Chloride

II. HAZARDOUS SUBSTANCES

CAS Number	Chemical Name	CAS Number	Chemical Name	CAS Number	Chemical Name
137. 7783-50-8	Ferric Fluoride	192. 74-89-5	Monomethylamine	249. 7632-00-0	Sodium Nitrate
138. 10421-48-4	Ferric Nitrate	193. 300-76-5	Naled	250. 7558-79-4	Sodium Phosphate, D basic
139. 10028-22-5	Ferric Sulfate	194. 91-20-3	Naphthalene	251. 7601-54-9	Sodium Phosphate, T basic
140. 10045-89-3	Ferrous Ammonium Sulfate	195. 1338-24-5	Naphthenic Acid	252. 10102-18-8	Sodium Selenite
141. 7758-94-3	Ferrous Chloride	196. 7440-02-0	Nickel	253. 7789-06-2	Strontrium Chromate
142. 7720-78-7	Ferrous Sulfate	197. 15699-18-0	Nickel Ammonium Sulfate	254. 57-24-9	Strychnine and Salts
143. 206-44-0	Furan	198. 37211-05-5	Nickel Chloride	255. 100-420-5	Styrene
144. 50-00-0	Furane	199. 12054-48-7	Nickel Hydroxide	256. 12771-08-3	Sulfur Monochloride
145. 64-18-6	Fumaryl Acid	200. 14216-75-2	Nickel Nitrate	257. 7664-93-9	Sulfuric Acid
146. 110-17-8	Fumaric Acid	201. 7786-81-4	Nickel Sulfate	258. 93-76-5	2,4,5-T Acid
147. 38-01-1	Furfural	202. 7697-37-2	Nitric Acid	259. 2008-46-0	2,4,5-T Amines
148. 36-50-0	Guthion	203. 98-95-3	Nitrobenzene	260. 93-79-8	2,4,5-T Esters
149. 76-44-3	Heptachlor	204. 10102-44-0	Nitrogen Dioxide	261. 13560-99-1	2,4,5-T Salts
150. 118-74-1	Hexachlorobenzene	205. 25154-55-6	Nitrophenol (all isomers)	262. 93-72-1	2,4,5-TP Acid
151. 87-68-3	Hexachlorobutadiene	206. 1321-12-6	Nitrotoluene	263. 32534-95-5	2,4,5-TP Acid Esters
152. 67-72-1	Hexachloroethane	207. 30525-89-4	Paraformaldehyde	264. 72-54-8	TDE
153. 70-30-4	Hexachlorophene	208. 56-38-2	Parathion	265. 95-94-3	Tetrachlorobenzene
154. 77-47-4	Hexachlorocyclopentadiene	209. 608-93-5	Pentachlorobenzene	266. 127-18-4	Tetrachloroethane
155. 7647-01-0	Hydrochloric Acid (Hydrogen Chloride)	210. 87-86-5	Pentachlorophenol	267. 78-00-2	Tetraethyl Lead
156. 7664-39-3	Hydrofluoric Acid (Hydrogen Fluoride)	211. 85-01-8	Phenanthrene	268. 107-49-3	Tetraethyl Pyrophosphate
157. 74-90-8	Hydrogen Cyanide	212. 108-95-2	Phenol	269. 7446-18-6	Thallium (I) Sulfate
158. 7783-06-4	Hydrogen Sulfide	213. 75-44-5	Phosgene	270. 108-88-3	Toluene
159. 78-79-5	Isoprene	214. 7664-38-2	Phosphoric Acid	271. 8001-35-2	Toxaphene
160. 42504-46-1	Isopropanolamine Dodecybenzenesulfonate	215. 7723-14-0	Phosphorus	272. 12002-48-1	Trichlorobenzene (all isomers)
161. 115-32-2	Keithane	216. 10025-87-3	Phosphorus Oxychloride	273. 52-68-6	Trichlorfon
162. 143-50-0	Kepone	217. 1314-80-3	Phosphorus Pentasulfide	274. 25323-89-1	Trichloroethane (all isomers)
163. 301-04-2	Lead Acetate	218. 7719-12-2	Phosphorus Trichloride	275. 79-01-6	Trichloroethylene
164. 3687-31-8	Lead Arsenate	219. 7784-41-0	Potassium Arsenate	276. 25167-82-2	Trichlorophenol (all isomers)
165. 7758-95-4	Lead Chloride	220. 10124-50-2	Potassium Arsenite	277. 27323-41-7	Triethanolamine Dodecybenzenesulfonate
166. 13814-96-5	Lead Fluoborate	221. 7778-50-9	Potassium Bichromate	278. 121-44-8	Triethylamine
167. 7783-46-2	Lead Fluoride	222. 7789-00-6	Potassium Chromate	279. 75-50-3	Trimethylamine
168. 10101-63-0	Lead Iodide	223. 7722-64-7	Potassium Permanganate	280. 541-09-3	Uranyl Acetate
169. 18256-98-9	Lead Nitrate	224. 2312-35-8	Propargite	281. 10102-06-4	Uranyl Nitrate
170. 7428-48-0	Lead Stearate	225. 79-09-4	Propionic Acid	282. 1314-62-1	Vanadium Pentoxide
171. 15739-80-7	Lead Sulfate	226. 123-62-6	Propionic Anhydride	283. 27774-13-6	Vanadyl Sulfate
172. 1314-87-0	Lead Sulfide	227. 1336-36-3	Polychlorinated Biphenyls	284. 108-05-4	Vinyl Acetate
173. 592-87-0	Lead Thiocyanate	228. 151-50-8	Potassium Cyanide	285. 75-35-4	Vinyldene Chloride
174. 58-89-9	Lindane	229. 1310-58-3	Potassium Hydroxide	286. 1300-71-6	Xylenol
175. 14307-35-8	Lithium Chromate	230. 75-56-9	Propylene Oxide	287. 557-34-6	Zinc Acetate
176. 121-75-5	Malthion	231. 121-29-9	Pyrethrins	288. 52628-25-8	Zinc Ammonium Chloride
177. 110-16-7	Maleic Acid	232. 91-22-5	Quinoline	289. 1332-07-6	Zinc Borate
178. 108-31-6	Maleic Anhydride	233. 108-46-3	Resorcinol	290. 7699-45-8	Zinc Bromide
179. 2032-65-7	Mercaptodimethylur	234. 7448-08-4	Selenium Oxide	291. 3488-35-9	Zinc Carbonate
180. 592-04-1	Mercuric Cyanide	235. 7761-88-8	Silver Nitrate	292. 7646-85-7	Zinc Chloride
181. 10045-94-0	Mercuric Nitrate	236. 7631-89-2	Sodium Arsenate	293. 557-21-1	Zinc Cyanide
182. 7783-35-9	Mercuric Sulfate	237. 7784-46-5	Sodium Arsenite	294. 7783-49-3	Zinc Fluoride
183. 592-85-8	Mercuric Thiocyanate	238. 10588-01-9	Sodium Bichromate	295. 557-41-5	Zinc Formate
184. 10415-75-5	Mercurous Nitrate	239. 1333-83-1	Sodium Bifluoride	296. 7779-86-4	Zinc Hydrosulfite
185. 72-43-5	Methoxychlor	240. 7631-90-5	Sodium Bisulfite	297. 7779-88-6	Zinc Nitrate
186. 74-93-1	Methyl Mercaptan	241. 7775-11-3	Sodium Chromate	298. 127-82-2	Zinc Phenolsulfonate
187. 80-62-6	Methyl Methacrylate	242. 143-33-9	Sodium Cyanide	299. 1314-84-7	Zinc Phosphide
188. 298-00-0	Methyl Parathion	243. 25155-30-0	Sodium Dodecybenzene Sulfonate	300. 16871-71-9	Zinc Silicofluoride
189. 7786-34-7	Mevinphos	244. 7681-49-4	Sodium Fluoride	301. 7733-02-0	Zinc Sulfate
190. 315-18-4	Mexacarbate	245. 16721-80-5	Sodium Hydrosulfide	302. 13746-89-9	Zirconium Nitrate
191. 75-04-7	Monoethylamine	246. 1310-73-2	Sodium Hydroxide	303. 16923-95-8	Zirconium Potassium F boride
		247. 7681-52-9	Sodium Hypochlorite	304. 14844-61-2	Zirconium Sulfate
		248. 124-41-4	Sodium Methylate	305. 10028-11-6	Zirconium Tetrachloride

Comments
Slat
Aviciting friend
Ead B.
4/17/91



1927 LAKESIDE PARKWAY
SUITE 614
TUCKER, GEORGIA 30084
404-938-7710

C-586-3-1-30

March 4, 1991

Mr. A.R. Hanke
Waste Programs Branch
Waste Management Division
Environmental Protection Agency
345 Courtland Street, N.E.
Atlanta, Georgia 30365

Subject: Draft Screening Site Inspection Report, Phase II
Revision 0
General Electric Co./Asheboro
Asheboro, Randolph County, North Carolina
TDD No. F4-9004-67
EPA ID No. NCD003236437

Dear Mr. Hanke:

Enclosed please find one (1) copy of the Draft Screening Site Inspection Report, Phase II, Revision 0, for the General Electric Co./Asheboro facility located in Asheboro, Randolph County, North Carolina.

If you have any questions or comments, please do not hesitate to call me at NUS Corporation.

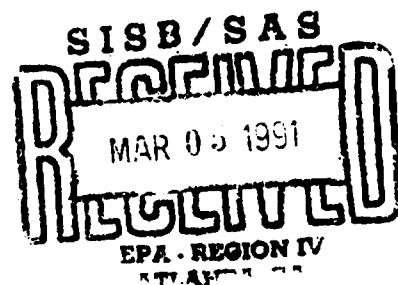
Very truly yours,

G. Tim Phillips

G. Tim Phillips
Project Manager

GTP/gwn

Enclosure (1)



*Call Tim Phillips
for comments + final*

Approved:

Bob Dominguez

*Called comment
to T. Phillips.
He will finalize !!
See memo.
Send memo
4/16/91*



A Halliburton Company

HAZARD RANKING SYSTEM SCORING SUMMARY

FOR

GENERAL ELECTRIC COMPANY ASHEBORO
EPA SITE NUMBER NCD003236437
ASHEBORO
RANDOLPH COUNTY, NC
EPA REGION: 4

SCORE STATUS: IN PREPARATION

SCORED BY G. TIM PHILLIPS
OF MUS CORPORATION
ON 12/20/90

DATE OF THIS REPORT: 12/19/90
DATE OF LAST MODIFICATION: 12/19/90

GROUND WATER ROUTE SCORE : 61.36
SURFACE WATER ROUTE SCORE: 6.55
AIR ROUTE SCORE : 0.00

MIGRATION SCORE : 35.67

S.O.I.A.
EXEMPTION 5

Approving Official

Date

HRS GROUND WATER ROUTE SCORE

CATEGORY/FACTOR	RAW DATA	ASN. VALUE	SCORE
1. OBSERVED RELEASE	NO	0	0
<u>2. ROUTE CHARACTERISTICS</u>			
DEPTH TO WATER TABLE	31 FEET		
DEPTH TO BOTTOM OF WASTE	4 FEET		
DEPTH TO AQUIFER OF CONCERN	27 FEET	2	4
PRECIPITATION	46.0 INCHES		
EVAPORATION	41.0 INCHES		
NET PRECIPITATION	5.0 INCHES	2	2
PERMEABILITY	1.0X10-4 CM/SEC	2	2
PHYSICAL STATE		3	3
TOTAL ROUTE CHARACTERISTICS SCORE:			11
3. CONTAINMENT		3	3
<u>4. WASTE CHARACTERISTICS</u>			
TOXICITY/PERSISTENCE: CHROMIUM			
WASTE QUANTITY	CUBIC YDS DRUMS GALLONS TONS	0 0 0 2501	
TOTAL	2501 CU. YDS	8	8
TOTAL WASTE CHARACTERISTICS SCORE:			26
5. TARGETS			
GROUND WATER USE		3	9
DISTANCE TO NEAREST WELL AND	MATRIX VALUE	3000 FEET	
TOTAL POPULATION SERVED		4731 PERSONS	32
NUMBER OF HOUSES		1245	
NUMBER OF PERSONS		0	
NUMBER OF CONNECTIONS		0	
NUMBER OF IRRIGATED ACRES		0	
TOTAL TARGETS SCORE:			41

GROUND WATER ROUTE SCORE (Sgw) = 61.36

HRS SURFACE WATER ROUTE SCORE

CATEGORY/FACTOR	RAW DATA	ASN. VALUE	SCORE
1. OBSERVED RELEASE	NO	0	0
2. ROUTE CHARACTERISTICS			
SITE LOCATED IN SURFACE WATER	NO		
SITE WITHIN CLOSED BASIN	NO		
FACILITY SLOPE	15.0 %		
INTERVENING SLOPE	3.0 %	0	0
24-HOUR RAINFALL	2.7 INCHES	2	2
DISTANCE TO DOWN-SLOPE WATER	2500 FEET	2	2
PHYSICAL STATE	3		3
TOTAL ROUTE CHARACTERISTICS SCORE:			9
3. CONTAINMENT	3		3
4. WASTE CHARACTERISTICS			
TOXICITY/PERSISTENCE:NICKEL & COMPOUNDS,NOS			18
WASTE QUANTITY CUBIC YDS	0		
DRUMS	0		
GALLONS	0		
TONS	2501		
TOTAL	2501 CU. YDS	8	8
TOTAL WASTE CHARACTERISTICS SCORE:			26
5. TARGETS			
SURFACE WATER USE		2	6
DISTANCE TO SENSITIVE ENVIRONMENTS		0	0
COASTAL WETLANDS	NONE		
FRESH-WATER WETLANDS	NONE		
CRITICAL HABITAT	NONE		
DISTANCE TO STATIC WATER	> 3 MILES		
DISTANCE TO WATER SUPPLY INTAKE	> 3 MILES		
AND	MATRIX VALUE	0	0
TOTAL POPULATION SERVED	0		
NUMBER OF HOUSES	0		
NUMBER OF PERSONS	0		
NUMBER OF CONNECTIONS	0		
NUMBER OF IRRIGATED ACRES	0		
TOTAL TARGETS SCORE:			

SURFACE WATER ROUTE SCORE (Ssw) = 6.55

HRS AIR ROUTE SCORE

CATEGORY/FACTOR	RAW DATA	ASN. VALUE	SCORE
1. OBSERVED RELEASE	NO	0	0

2. WASTE CHARACTERISTICS

REACTIVITY:

MATRIX VALUE

INCOMPATIBILITY

TOXICITY

WASTE QUANTITY CUBIC YARDS
 DRUMS
 GALLONS
 TONS

TOTAL

TOTAL WASTE CHARACTERISTICS SCORE:

N/A

3. TARGETS

POPULATION WITHIN 4-MILE RADIUS

- 0 to 0.25 mile
- 0 to 0.50 mile
- 0 to 1.0 mile
- 0 to 4.0 miles

DISTANCE TO SENSITIVE ENVIRONMENTS

- COASTAL WETLANDS
- FRESH-WATER WETLANDS
- CRITICAL HABITAT

DISTANCE TO LAND USES

- COMMERCIAL/INDUSTRIAL
- PARK/FOREST/RESIDENTIAL
- AGRICULTURAL LAND
- PRIME FARMLAND
- HISTORIC SITE WITHIN VIEW?

TOTAL TARGETS SCORE:

N/A

AIR ROUTE SCORE (Sa) = 0.00

HAZARD RANKING SYSTEM SCORING CALCULATIONS
FOR
SITE: GENERAL ELECTRIC COMPANY ASHEBORO
AS OF 12/19/90

PAGE 5

GROUND WATER ROUTE SCORE

ROUTE CHARACTERISTICS	11
CONTAINMENT	X 3
WASTE CHARACTERISTICS	X 26
TARGETS	X 41

$$= \frac{35173}{757,030} \times 100 = 61.36 = S_{gw}$$

SURFACE WATER ROUTE SCORE

ROUTE CHARACTERISTICS	9
CONTAINMENT	X 3
WASTE CHARACTERISTICS	X 26
TARGETS	X 5

$$= \frac{4212}{54,350} \times 100 = 6.55 = S_{sw}$$

AIR ROUTE SCORE

$$\text{OBSERVED RELEASE} \quad 0 / 35,100 \times 100 = 0.00 = S_{air}$$

SUMMARY OF MIGRATION SCORE CALCULATIONS

	S	S²
GROUND WATER ROUTE SCORE (S _{gw})	61.36	3765.05
SURFACE WATER ROUTE SCORE (S _{sw})	6.55	42.90
AIR ROUTE SCORE (S _{air})	0.00	0.00
S ² _{gw} + S ² _{sw} + S ² _{air}		3807.95
$\sqrt{(S^2_{gw} + S^2_{sw} + S^2_{air})}$		61.71
S _M = $\sqrt{(S^2_{gw} + S^2_{sw} + S^2_{air})/1.73}$		35.57

HAZARD RANKING SYSTEM SCORING SUMMARY
FOR

GENERAL ELECTRIC COMPANY ASHEBORO
EPA SITE NUMBER NCDO03236437
ASHEBORO
RANDOLPH COUNTY, NC
EPA REGION: 4

SCORE STATUS: IN PREPARATION

SCORED BY G. TIM PHILLIPS
OF NUG CORPORATION
ON 12/20/90

DATE OF THIS REPORT: 12/19/90
DATE OF LAST MODIFICATION: 12/19/90

GROUND WATER ROUTE SCORE : 61.36
SURFACE WATER ROUTE SCORE: 6.55
AIR ROUTE SCORE : 0.00

MIGRATION SCORE : 35.67

E.O.L.A.
EXEMPTION 5

GOVERNING OFFICIAL

HRS GROUND WATER ROUTE SCORE

CATEGORY/FACTOR	RAW DATA	AGN. VALUE	SCORE
1. OBSERVED RELEASE	NO	0	0
2. ROUTE CHARACTERISTICS			
DEPTH TO WATER TABLE	31 FEET		
DEPTH TO BOTTOM OF WASTE	4 FEET		
DEPTH TO AQUIFER OF CONCERN	27 FEET	2	4
PRECIPITATION	46.0 INCHES		
EVAPORATION	41.0 INCHES		
NET PRECIPITATION	5.0 INCHES	2	2
PERMEABILITY	1.0X10-4 CM/SEC	2	2
PHYSICAL STATE		3	3
TOTAL ROUTE CHARACTERISTICS SCORE:			11
3. CONTAINMENT		3	3
4. WASTE CHARACTERISTICS			
TOXICITY/PERSISTENCE:CHROMIUM			18
WASTE QUANTITY CUBIC YDS	0		
DRUMS	0		
GALLONS	0		
TONS	2501		
TOTAL	2501 CU. YDS	9	9
TOTAL WASTE CHARACTERISTICS SCORE:			26
5. TARGETS			
GROUND WATER USE		3	7
DISTANCE TO NEAREST WELL AND	3000 FEET		
TOTAL POPULATION SERVED	MATRIX VALUE 4731 PERSONS	32	32
NUMBER OF HOUSES	1245		
NUMBER OF PERSONS	0		
NUMBER OF CONNECTIONS	0		
NUMBER OF IRRIGATED ACRES	0		
TOTAL TARGETS SCORE:			41

GROUND WATER ROUTE SCORE (Sgw) = 61.36

HRS SURFACE WATER ROUTE SCORE

CATEGORY/FACTOR	RAW DATA	ASN. VALUE	SCORE
1. OBSERVED RELEASE	NO	0	0
2. ROUTE CHARACTERISTICS			
SITE LOCATED IN SURFACE WATER	NO		
SITE WITHIN CLOSED BASIN	NO		
FACILITY SLOPE	15.0 %		
INTERVENING SLOPE	3.0 %	0	0
24-HOUR RAINFALL	2.7 INCHES	2	2
DISTANCE TO DOWN-SLOPE WATER	2500 FEET	2	2
PHYSICAL STATE	3		3
TOTAL ROUTE CHARACTERISTICS SCORE:			9
3. CONTAINMENT			
4. WASTE CHARACTERISTICS			
TOXICITY/PERSISTENCE:NICKEL & COMPOUNDS,NOS			18
WASTE QUANTITY	CUBIC YDS DRUMS GALLONS TONS	0 0 0 2501	
TOTAL	2501 CU. YDS	8	8
TOTAL WASTE CHARACTERISTICS SCORE:			26
5. TARGETS			
SURFACE WATER USE		2	2
DISTANCE TO SENSITIVE ENVIRONMENTS		0	0
COASTAL WETLANDS	NONE		
FRESH-WATER WETLANDS	NONE		
CRITICAL HABITAT	NONE		
DISTANCE TO STATIC WATER	> 3 MILES		
DISTANCE TO WATER SUPPLY INTAKE	> 3 MILES		
AND	MATRIX VALUE	0	0
TOTAL POPULATION SERVED	0		
NUMBER OF HOUSES	0		
NUMBER OF PERSONS	0		
NUMBER OF CONNECTIONS	0		
NUMBER OF IRRIGATED ACRES	0		
TOTAL TARGETS SCORE:			0
SURFACE WATER ROUTE SCORE (Ssw) = 6.55			

HRS AIR ROUTE SCORE

CATEGORY/FACTOR	RAW DATA	ASN. VALUE	SCORE
1. OBSERVED RELEASE	NO	0	0

2. WASTE CHARACTERISTICS

REACTIVITY:

MATRIX VALUE

INCOMPATIBILITY

TOXICITY

WASTE QUANTITY CUBIC YARDS
 DRUMS
 GALLONS
 TONS

TOTAL

TOTAL WASTE CHARACTERISTICS SCORE:

N/A

3. TARGETS

POPULATION WITHIN 4-MILE RADIUS

- 0 to 0.25 mile
- 0 to 0.50 mile
- 0 to 1.0 mile
- 0 to 4.0 miles

DISTANCE TO SENSITIVE ENVIRONMENTS

- COASTAL WETLANDS
- FRESH-WATER WETLANDS
- CRITICAL HABITAT

DISTANCE TO LAND USES

- COMMERCIAL/INDUSTRIAL
- PARK/FOREST/RESIDENTIAL
- AGRICULTURAL LAND
- PRIME FARMLAND
- HISTORIC SITE WITHIN VIEW?

TOTAL TARGETS SCORE:

N/A

AIR ROUTE SCORE (Sa) = 0.00

HAZARD RANKING SYSTEM SCORING CALCULATIONS
FOR
SITE: GENERAL ELECTRIC COMPANY ASHEBORO
AS OF 12/19/90

PAGE 5

GROUND WATER ROUTE SCORE

ROUTE CHARACTERISTICS	11
CONTAINMENT	X 3
WASTE CHARACTERISTICS	X 26
TARGETS	X 41

$$= \frac{35178}{57,030} \times 100 = 61.36 = S_{gw}$$

SURFACE WATER ROUTE SCORE

ROUTE CHARACTERISTICS	9
CONTAINMENT	X 3
WASTE CHARACTERISTICS	X 26
TARGETS	X 5

$$= \frac{4212}{54,350} \times 100 = 6.55 = S_{sw}$$

AIR ROUTE SCORE

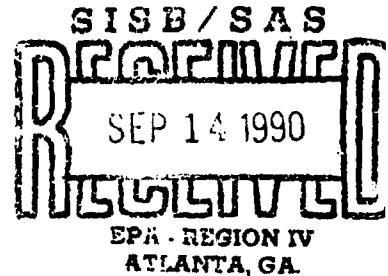
$$\text{OBSERVED RELEASE} \quad 0 / 35,100 \times 100 = 0.00 = S_{air}$$

SUMMARY OF MIGRATION SCORE CALCULATIONS

	<i>s</i>	<i>s^a</i>
GROUND WATER ROUTE SCORE (<i>S_{gw}</i>)	61.36	3765.05
SURFACE WATER ROUTE SCORE (<i>S_{sw}</i>)	6.55	42.90
AIR ROUTE SCORE (<i>S_{air}</i>)	0.00	0.00
<i>S^a_{gw}</i> + <i>S^a_{sw}</i> + <i>S^a_{air}</i>		3807.95
$\sqrt{(S^a_{gw} + S^a_{sw} + S^a_{air})}$		61.71
<i>S_m</i> = $\sqrt{(S^a_{gw} + S^a_{sw} + S^a_{air}) / 1.73}$		35.67

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV
COLLEGE STATION RD.
ATHENS, GA. 30613



*****MEMORANDUM*****

DATE: 09/11/90

SUBJECT: Results of Purgeable Organic Analysis;
90-525 GENERAL ELECTRIC CO
ASHEBORO NC
CASE NO: 14224

FROM: Robert W. Knight
Chief, Laboratory Evaluation/Quality Assurance Section

TO: PHIL BLACKWELL

Attached are the results of analysis of samples collected as part of the subject project.

If you have any questions please contact me.

ATTACHMENT

**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.**

09/10/90

PURGEABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47009 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
** STATION ID: SB-03 COLLECTION START: 06/05/90 1615 STOP: 00/00/00

** CASE NO : 14224

SAS NO. -

R NO : W040

UG/KG

ANALYTICAL RESULTS

UG/KG

ANALYTICAL RESULTS

13U CHLOROMETHANE
13U BROMOMETHANE
13U VINYL CHLORIDE
13U CHLOROETHANE
 6U METHYLENE CHLORIDE
30U ACETONE
6U CARBON DISULFIDE
6U 1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
6U 1,1-DICHLOROETHANE
 6U 1,2-DICHLOROETHENE (TOTAL)
6U CHLOROFORM
6U 1,2-DICHLOROETHANE
13U METHYL ETHYL KETONE
6U 1,1,1-TRICHLOROETHANE
6U CARBON TETRACHLORIDE
13U VINYL ACETATE
6U BROMODICHLOROMETHANE

6U 1,2-DICHLOROPROPANE
6U CIS-1,3-DICHLOROPROPENE
6U TRICHLOROETHENE (TRICHLOROETHYLENE)
6U DIBROMOCHLOROMETHANE
6U 1,1,2-TRICHLOROETHANE
6U BENZENE
6U TRANS-1,3-DICHLOROPROPENE
6U BROMOFORM
13U METHYL ISOBUTYL KETONE
13U METHYL BUTYL KETONE
6U TETRACHLOROETHENE (TETRACHLOROETHYLENE)
6U 1,1,2,2-TETRACHLOROETHANE
6U TOLUENE
6U CHLOROBENZENE
6U ETHYL BENZENE
6U STYRENE
6U TOTAL XYLENES
21 PERCENT MOISTURE

*****REMARKS*****

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
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**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS, GA.**

09/10/90

PURGEABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47011 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
*** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
*** STATION ID: SD-02 COLLECTION START: 06/05/90 1415 STOP: 00/00/00 ***

13U	CHLOROMETHANE	6U	1,2-DICHLOROPROPANE
13U	BROMOMETHANE	6U	CIS-1,3-DICHLOROPROPENE
13U	VINYL CHLORIDE	6U	TRICHLOROETHENE(TRICHLOROETHYLENE)
13U	CHLOROETHANE	6U	DIBROMOCHLOROMETHANE
6U	METHYLENE CHLORIDE	6U	1,1,2-TRICHLOROETHANE
20U	ACETONE	6U	BENZENE
6U	CARBON DISULFIDE	6U	TRANS-1,3-DICHLOROPROPENE
6U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)	6U	BROMOFORM
6U	1,1-DICHLOROETHANE	13U	METHYL ISOBUTYL KETONE
6U	1,2-DICHLOROETHENE (TOTAL)	13U	METHYL BUTYL KETONE
6U	CHLOROFORM	6U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
6U	1,2-DICHLOROETHANE	6U	1,1,2,2-TETRACHLOROETHANE
13U	METHYL ETHYL KETONE	6U	TOLUENE
6U	1,1,1-TRICHLOROETHANE	6U	CHLOROBENZENE
6U	CARBON TETRACHLORIDE	6U	ETHYL BENZENE
13U	VINYL ACETATE	6U	STYRENE
6U	BROMODICHLOROMETHANE	6U	TOTAL XYLEMES
		21	PERCENT MOISTURE

*****REMARKS*****

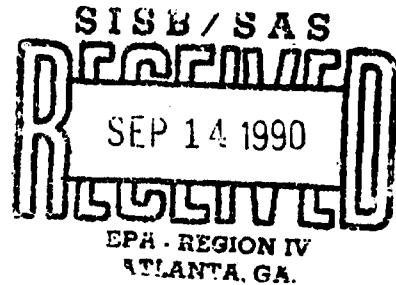
REMARKS

FOOTNOTES

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV
COLLEGE STATION RD.
ATHENS, GA. 30613



*****MEMORANDUM*****

DATE: 09/11/90

SUBJECT: Results of Extractable Organic Analysis;
90-525 GENERAL ELECTRIC CO
ASHEBORO NC
CASE NO: 14224

FROM: Robert W. Knight
Chief, Laboratory Evaluation/Quality Assurance Section

TO: PHIL BLACKWELL

Attached are the results of analysis of samples collected as part of the subject project.

If you have any questions please contact me.

ATTACHMENT

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

09/10/90

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 90-525 SAMPLE NO. 47009 SAMPLE TYPE: SOIL
 SOURCE: GENERAL ELECTRIC CO
 STATION ID: SB-03
 PROG ELEM: NSF COLLECTED BY: G THOMAS
 CITY: ASHEBORO ST: NC
 COLLECTION START: 06/05/90 1615 STOP: 00/00/00
 CASE NO.: 14224 SAS NO.: D. NO.: W040
 UG/KG ANALYTICAL RESULTS UG/KG ANALYTICAL RESULTS
 840U PHENOL
 840UR BIS(2-CHLOROETHYL) ETHER
 840UJ 2-CHLOROPHENOL
 840U 1, 3-DICHLOROBENZENE
 840U 1, 4-DICHLOROBENZENE
 840U BÉNZYL ALCOHOL
 840U 1, 2-DICHLOROBENZENE
 840U 2-METHYLPHENOL
 840U BIS(2-CHLOROISOPROPYL) ETHER
 840U (3-AND/OR 4-)METHYLPHENOL
 840U N-NITROSODI-N-PROPYLAMINE
 840UR HEXACHLOROETHANE
 840U NITROBENZENE
 840U ISOPHORONE
 840U 2-NITROPHENOL
 840U 2, 4-DIMETHYLPHENOL
 4100U BENZOIC ACID
 840U BIS(2-CHLOROETHOXY) METHANE
 840U 2, 4-DICHLOROPHENOL
 840U 1, 2, 4-TRICHLOROBENZENE
 840U NAPHTHALENE
 840U 4-CHLOROANILINE
 840U HEXACHLOROBUTADIENE
 840U 4-CHLORO-3-METHYLPHENOL
 840U 2-METHYLNAPHTHALENE
 840U HEXACHLOROCYCLOPENTADIENE (HCCP)
 4100U 2, 4, 6-TRICHLOROPHENOL
 840U 2, 4, 5-TRICHLOROPHENOL
 840U 2-CHLORONAPHTHALENE
 4100U 2-NITROANILINE
 840U DIMETHYL PHTHALATE
 840U ACENAPHTHYLENE
 840U 2, 6-DINITROTOLUENE
 4100U 3-NITROANILINE
 840U ACENAPHTHENE
 4100U 2, 4-DINITROPHENOL
 4100U 4-NITROPHENOL
 840U DIBENZOFURAN
 840U 2, 4-DINITROTOLUENE
 840U DIETHYL PHTHALATE
 840U 4-CHLOROPHENYL PHENYL ETHER
 840U FLUORENE
 4100U 4-NITROANILINE
 4100U 2-METHYL-4, 6-DINITROPHENOL
 840U N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
 840U 4-BROMOPHENYL PHENYL ETHER
 840U HEXACHLOROBENZENE (HCB)
 4100U PENTACHLOROPHENOL
 840U PHENANTHRENE
 840U ANTHRACENE
 840U DI-N-BUTYL PHTHALATE
 840U FLUORANTHENE
 840U PYRENE
 840U BENZYL BUTYL PHTHALATE
 1700U 3, 3'-DICHLOROBENZIDINE
 840U BENZO(A)ANTHRACENE
 840U CHRYSENE
 840U BIS(2-ETHYLHEXYL) PHTHALATE
 840U DI-N-OCTYL PHTHALATE
 840U BENZO(B AND/OR K)FLUORANTHENE
 840U BENZO-A-PYRENE
 840U INDENO (1, 2, 3-CD) PYRENE
 840U DIBENZO(A, H)ANTHRACENE
 840U BENZO(GHI)PERYLENE
 21 PERCENT MOISTURE

*****REMARKS*****

*****REMARKS*****

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

09/10/90

EXTRACTABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47011 SAMPLE TYPE: SOIL
** SOURCE: GENERAL ELECTRIC CO
** STATION ID: SD-02
**
** CASE NO.: 14224

UG/KG ANALYTICAL RESULTS

SAS NO.:

D. NO.: W042

UG/KG ANALYTICAL RESULTS

840U PHENOL
840UR BIS(2-CHLOROETHYL) ETHER
840UJ 2-CHLOROPHENOL
840U 1,3-DICHLOROBENZENE
840U 1,4-DICHLOROBENZENE
840U BENZYL ALCOHOL
840U 1,2-DICHLOROBENZENE
840U 2-METHYLPHENOL
840U BIS(2-CHLOROISOPROPYL) ETHER
840U (3-AND/OR 4-)METHYLPHENOL
840U N-NITROSODI-N-PROPYLAMINE
840UR HEXACHLOROETHANE
840U NITROBENZENE
840U ISOPHORONE
840U 2-NITROPHENOL
840U 2,4-DIMETHYLPHENOL
4100U BENZOIC ACID
840U BIS(2-CHLOROETHOXY) METHANE
840U 2,4-DICHLOROPHENOL
840U 1,2,4-TRICHLOROBENZENE
840U NAPHTHALENE
840U 4-CHLORANILINE
840U HEXACHLOROBUTADIENE
840U 4-CHLORO-3-METHYLPHENOL
840U 2-METHYLNAPHTHALENE
840U HEXACHLOROCYCLOPENTADIENE (HCCP)
840U 2,4,6-TRICHLOROPHENOL
4100U 2,4,5-TRICHLOROPHENOL
840U 2-CHLORONAPHTHALENE
4100U 2-NITROANILINE
840U DIMETHYL PHTHALATE
840U ACENAPHTHYLENE
840U 2,6-DINITROTOLUENE

4100U 3-NITROANILINE
840U ACENAPHTHENE
4100U 2,4-DINITROPHENOL
4100U 4-NITROPHENOL
840U DIBENZOFURAN
840U 2,4-DINITROTOLUENE
840U DIETHYL PHTHALATE
840U 4-CHLOROPHENYL PHENYL ETHER
840U FLUORENE
4100U 4-NITROANILINE
4100U 2-METHYL-4,6-DINITROPHENOL
840U N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
840U 4-BROMOPHENYL PHENYL ETHER
840U HEXACHLOROBENZENE (HCB)
4100U PENTACHLOROPHENOL
840U PHENANTHRENE
840U ANTHRACENE
840U DI-N-BUTYLPHTHALATE
840U FLUORANTHENE
840U PYRENE
840U BENZYL BUTYL PHTHALATE
1700U 3,3'-DICHLOROBENZIDINE
840U BENZO(A)ANTHRACENE
840U CHRYSENE
840U BIS(2-ETHYLHEXYL) PHTHALATE
840U DI-N-OCTYLPHTHALATE
840U BENZO(B AND/OR K)FLUORANTHENE
840U BENZO-A-PYRENE
840U INDENO (1,2,3-CD) PYRENE
840U DIBENZO(A,H)ANTHRACENE
840U BENZO(GHI)PERYLENE
21 PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

09/10/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47009 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
** STATION ID: SB-03 COLLECTION START: 06/05/90 1615 STOP: 00/00/00
** CASE NO.: 14224 SAS NO.: D. NO.: W040 MD NO.: W040

ANALYTICAL RESULTS UG/KG

3000J 1 UNIDENTIFIED COMPOUND

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV
COLLEGE STATION RD.
ATHENS, GA. 30613



*****MEMORANDUM*****

DATE: 09/11/90

SUBJECT: Results of Pesticide/PCB Analysis;
90-525 GENERAL ELECTRIC CO
ASHEBORO NC
CASE NO: 14224

FROM: Robert W. Knight
Chief, Laboratory Evaluation/Quality Assurance Section

TO: PHIL BLACKWELL

Attached are the results of analysis of samples collected as part of the subject project.

If you have any questions please contact me.

ATTACHMENT

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

09/10/90

PESTICIDES/PCB'S DATA REPORT

 ** PROJECT NO. 90-525 SAMPLE NO. 47009 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS **
 ** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC **
 ** STATION ID: SB-03 COLLECTION START: 06/05/90 1615 STOP: 00/00/00 **
 ** CASE NUMBER: 14224 D. NUMBER: W040 **

 UG/KG ANALYTICAL RESULTS UG/KG ANALYTICAL RESULTS

20U ALPHA-BHC	200U METHOXYCHLOR
20U BETA-BHC	40U ENDRIN KETONE
20U DELTA-BHC	200U CHLORDANE (TECH. MIXTURE) /1
20U GAMMA-BHC (LINDANE)	200U GAMMA-CHLORDANE /2
20U HEPTACHLOR	200U ALPHA-CHLORDANE /2
20U ALDRIN	400U TOXAPHENE
20U HEPTACHLOR EPOXIDE	200U PCB-1016 (AROCLOL 1016)
20U ENDOSULFAN I (ALPHA)	200U PCB-1221 (AROCLOL 1221)
40U DIELDRIN	200U PCB-1232 (AROCLOL 1232)
40U 4,4'-DDE (P,P'-DDE)	200U PCB-1242 (AROCLOL 1242)
40U ENDRIN	200U PCB-1248 (AROCLOL 1248)
40U ENDOSULFAN II (BETA)	400U PCB-1254 (AROCLOL 1254)
40U 4,4'-DDD (P,P'-DDD)	400U PCB-1260 (AROCLOL 1260)
40U ENDOSULFAN SULFATE	
40U 4,4'-DDT (P,P'-DDT)	21 PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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 *C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

09/10/90

PESTICIDES/PCB'S DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47011 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
** STATION ID: SD-02 COLLECTION START: 06/05/90 1415 STOP: 00/00/00
** CASE NUMBER: 14224 D. NUMBER: W042

UG/KG ANALYTICAL RESULTS

UG/KG ANALYTICAL RESULTS

20U	ALPHA-BHC
20U	BETA-BHC
20U	DELTA-BHC
20U	GAMMA-BHC (LINDANE)
20U	HEPTACHLOR
20U	ALDRIN
20U	HEPTACHLOR EPOXIDE
20U	ENDOSULFAN I (ALPHA)
40U	DIELDRIN
40U	4,4'-DDE (P,P'-DDE)
40U	ENDRIN
40U	ENDOSULFAN II (BETA)
40U	4,4'-DDD (P,P'-DDD)
40U	ENDOSULFAN SULFATE
40U	4,4'-DDT (P,P'-DDT)

200U	METHOXYPHENYL ENDRIN KETONE	
400U	CHLORDANE (TECH. MIXTURE)	/1
200U	GAMMA-CHLORDANE	/2
200U	ALPHA-CHLORDANE	/2
400U	TOXAPHENE	
200U	PCB-1016 (AROCLOL 1016)	
200U	PCB-1221 (AROCLOL 1221)	
200U	PCB-1232 (AROCLOL 1232)	
200U	PCB-1242 (AROCLOL 1242)	
200U	PCB-1248 (AROCLOL 1248)	
400U	PCB-1254 (AROCLOL 1254)	
400U	PCB-1260 (AROCLOL 1260)	
21	PERCENT MOISTURE	

RFMARKS

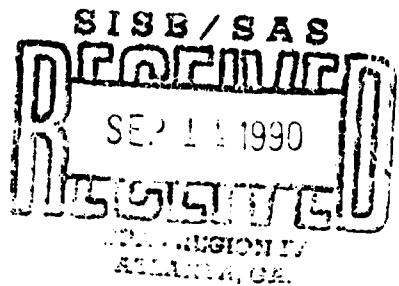
REMARKS

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV
COLLEGE STATION RD.
ATHENS, GA. 30613



*****MEMORANDUM*****

DATE: 09/11/90

SUBJECT: Results of Metals Analysis;
90-525 GENERAL ELECTRIC CO
ASHEBORO NC
CASE NO: 14224

FROM: Robert W. Knight
Chief, Laboratory Evaluation/Quality Assurance Section

TO: PHIL BLACKWELL

Attached are the results of analysis of samples collected as part of the subject project.

If you have any questions please contact me.

ATTACHMENT

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

09/10/90

METALS DATA REPORT

 ** PROJECT NO. 90-525 SAMPLE NO. 47009 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS **
 ** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC **
 ** STATION ID: SB-03 COLLECTION START: 06/05/90 1615 STOP: 00/00/00 **
 ** CASE NUMBER: 14224 SAS NUMBER: MD NUMBER: W040 **

MG/KG	ANALYTICAL RESULTS		MG/KG	ANALYTICAL RESULTS	
20000	ALUMINUM		41	MANGANESE	
5.3UJ	ANTIMONY		.12U	MERCURY	
5.6J	ARSENIC		1.3U	NICKEL	
49	BARIUM		.110U	POTASSIUM	
.25U	BERYLLIUM		.51U	SELENIUM	
.76U	CADMIUM		.51U	SILVER	
40U	CALCIUM		50U	SODIUM	
7	CHROMIUM		.51U	THALLIUM	
1.3U	COBALT		NA	TIN	
20UJ	COPPER		19	VANADIUM	
20000	IRON		20U	ZINC	
25	LEAD		21	PERCENT MOISTURE	
380U	MAGNESIUM				

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

09/10/90

METALS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47011 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
*** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
*** STATION ID: SD-02 COLLECTION START: 06/05/90 1415 STOP: 00/00/00
*** CASE NUMBER: 14224 SAS NUMBER: MD NUMBER: W042

MG/KG	ANALYTICAL RESULTS	MG/KG	ANAL
3200	ALUMINUM	64	MANGANESE
5.5UJ	ANTIMONY	1.6	MERCURY
2UJ	ARSENIC	4	NICKEL
17	BARIUM	380	POTASSIUM
.26U	BERYLLIUM	.52U	SELENIUM
.79U	CADMUM	.52U	SILVER
940U	CALCIUM	60U	SODIUM
4.6	CHROMIUM	.52U	THALLIUM
5U	COBALT	NA	TIN
20UJ	COPPER	12	VANADIUM
7300	IRON	49	ZINC
13	LEAD	24	PERCENT MOISTURE
1100U	MAGNESIUM		

*****REMARKS*****

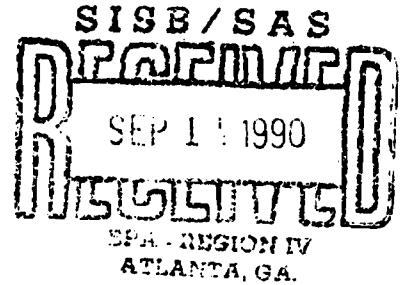
*****REMARKS*****

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV
COLLEGE STATION RD.
ATHENS, GA. 30613



*****MEMORANDUM*****

DATE: 09/11/90

SUBJECT: Results of Specified Analysis;
90-525 GENERAL ELECTRIC CO
ASHEBORO NC
CASE NO: 14224

FROM: Robert W. Knight
Chief, Laboratory Evaluation/Quality Assurance Section

TO: PHIL BLACKWELL

Attached are the results of analysis of samples collected as part of
the subject project.

If you have any questions please contact me.

ATTACHMENT

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-REGION IV ESD, ATHENS, GA.

09/10/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47009 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
*** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
*** STATION ID: SB-03 COLLECTION START: 06/05/90 1615 STOP: 00/00/00
*** CASE NO.: 14224 SAS NO.: D. NO.: W040 MD. NO.: W040

RESULTS UNITS PARAMETER
1.3U MG/KG CYANIDE

FOOTNOTES

*FOOTNOTES**
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-REGION IV ESD, ATHENS, GA.

09/10/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-525 SAMPLE NO. 47011 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: G THOMAS
*** SOURCE: GENERAL ELECTRIC CO CITY: ASHEBORO ST: NC
*** STATION ID: SD-02 COLLECTION START: 06/05/90 1415 STOP: 00/00/00
*** CASE NO.: 14224 SAS NO.: D. NO.: W042 MD NO.: W042

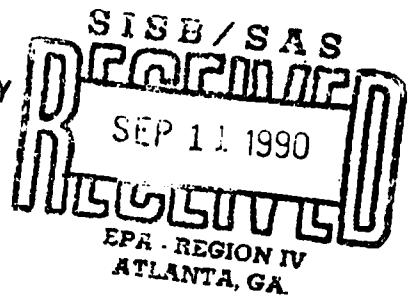
RESULTS UNITS PARAMETER
1.3U MG/KG CYANIDE

FOOTNOTES

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV
COLLEGE STATION RD.
ATHENS, GA. 30613



*****MEMORANDUM*****

DATE: 08/31/90

SUBJECT: Results of Extractable Organic Analysis;
90-540 HAYWOOD COUNTY LDFL
WAYNESVILLE NC
CASE NO: 14391

FROM: Robert W. Knight
Chief, Laboratory Evaluation/Quality Assurance Section

TO: PHIL BLACKWELL

Attached are the results of analysis of samples collected as part of
the subject project.

If you have any questions please contact me.

ATTACHMENT

CC:

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

EXTRACTABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47923 SAMPLE TYPE: TRIPBLANK PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILL ST: NC
** STATION ID: TB01, TRIP BLANK COLLECTION START: 06/27/90 0700 STOP: 00/00/00
**

** CASE NO.: 14391

SAS NO.:

D. NO.: X140

UG/L

ANALYTICAL RESULTS

UG/L

ANALYTICAL RESULTS

1OU	PHENOL
1OUR	BIS(2-CHLOROETHYL) ETHER
1OUR	2-CHLOROPHENOL
1OU	1,3-DICHLOROBENZENE
1OU	1,4-DICHLOROBENZENE
1OU	BENZYL ALCOHOL
1OU	1,2-DICHLOROBENZENE
1OU	2-METHYLPHENOL
1OU	BIS(2-CHLOROISOPROPYL) ETHER
1OU	(3-AND/OR 4)-METHYLPHENOL
1OU	N-NITROSODI-N-PROPYLAMINE
1OU	HEXACHLOROETHANE
1OU	NITROBENZENE
1OU	ISOPHORONE
1OU	2-NITROPHENOL
1OU	2,4-DIMETHYLPHENOL
5OU	BENZOIC ACID
1OU	BIS(2-CHLOROETHOXY) METHANE
1OU	2,4-DICHLOROPHENOL
1OU	1,2,4-TRICHLOROBENZENE
1OU	NAPHTHALENE
1OU	4-CHLOROANILINE
1OU	HEXACHLOROBUTADIENE
1OU	4-CHLORO-3-METHYLPHENOL
1OU	2-METHYLNAPHTHALENE
1OU	HEXACHLOROCYCLOPENTADIENE (HCCP)
1OU	2,4,6-TRICHLOROPHENOL
5OU	2,4,5-TRICHLOROPHENOL
1OU	2-CHLORONAPHTHALENE
5OU	2-NITROANILINE
1OU	DIMETHYL PHTHALATE
1OU	ACENAPHTHYLENE
1OU	2,6-DINITROTOLUENE

50U	3-NITROANILINE
1OU	ACENAPHTHENE
50UR	2,4-DINITROPHENOL
50U	4-NITROPHENOL
1OU	DIBENZOFURAN
1OU	2,4-DINITROTOLUENE
1OU	DIETHYL PHTHALATE
1OU	4-CHLOROPHENYL PHENYL ETHER
1OU	FLUORENE
50U	4-NITROANILINE
50U	2-METHYL-4,6-DINITROPHENOL
1OU	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1OU	4-BROMOPHENYL PHENYL ETHER
1OU	HEXACHLOROBENZENE (HCB)
50UR	PENTACHLOROPHENOL
1OU	PHENANTHRENE
1OU	ANTHRACENE
1OU	DI-N-BUTYLPHTHALATE
1OU	FLUORANTHENE
1OU	PYRENE
1OU	BENZYL BUTYL PHTHALATE
2OU	3,3'-DICHLOROBENZIDINE
1OU	BENZO(A)ANTHRACENE
1OU	CHRYSENE
1OU	BIS(2-ETHYLHEXYL) PHTHALATE
1OU	DI-N-OCTYLPHTHALATE
1OU	BENZO(B AND/OR K)FLUORANTHENE
1OU	BENZO-A-PYRENE
1OU	INDENO (1,2,3-CD) PYRENE
1OU	DIBENZO(A,H)ANTHRACENE
1OU	BENZO(GH)PERYLENE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

EXTRACTABLE ORGANICS DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47924 SAMPLE TYPE: SOIL
** SOURCE: HAYWOOD COUNTY LDFL
** STATION ID: SS01
**

** CASE NO.: 14391

SAS NO.:

PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
CITY: WAYNESVILLE ST: NC
COLLECTION START: 06/27/90 1045 STOP: 00/00/00

UG/KG ANALYTICAL RESULTS

D. NO.: X141

UG/KG ANALYTICAL RESULTS

41OU PHENOL	2000U 3-NITROANILINE
41OUR BIS(2-CHLOROETHYL) ETHER	41OUJ ACENAPHTHENE
41OU 2-CHLOROPHENOL	2000U 2,4-DINITROPHENOL
41OU 1,3-DICHLOROBENZENE	2000U 4-NITROPHENOL
41OU 1,4-DICHLOROBENZENE	41OU DIBENZOFURAN
41OU BENZYL ALCOHOL	41OU 2,4-DINITROTOLUENE
41OU 1,2-DICHLOROBENZENE	41OU DIETHYL PHTHALATE
41OU 2-METHYLPHENOL	41OU 4-CHLOROPHENYL PHENYL ETHER
41OU BIS(2-CHLOROISOPROPYL) ETHER	41OU FLUORENE
41OU (3-AND/OR 4-)METHYLPHENOL	2000U 4-NITROANILINE
41OU N-NITROSO-DI-N-PROPYLAMINE	2000U 2-METHYL-4,6-DINITROPHENOL
41OUR HEXACHLOROETHANE	41OU N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
41OU NITROBENZENE	41OU 4-BROMOPHENYL PHENYL ETHER
41OU ISOPHORONE	41OU HEXACHLOROBENZENE (HCB)
41OU 2-NITROPHENOL	2000U PENTACHLOROPHENOL
41OU 2,4-DIMETHYLPHENOL	41OU PHENANTHRENE
2000U BENZOIC ACID	41OU ANTHRACENE
41OU BIS(2-CHLOROETHOXY) METHANE	41OU DI-N-BUTYLPHTHALATE
41OU 2,4-DICHLOROPHENOL	41OU FLUORANTHENE
41OU 1,2,4-TRICHLOROBENZENE	41OU PYRENE
41OU NAPHTHALENE	41OU BENZYL BUTYL PHTHALATE
41OU 4-CHLOROANILINE	830U 3,3'-DICHLOROBENZIDINE
41OU HEXACHLOROBUTADIENE	41OU BENZO(A)ANTHRACENE
41OU 4-CHLORO-3-METHYLPHENOL	41OU CHRYSENE
41OU 2-METHYLNAPHTHALENE	41OU BIS(2-ETHYLHEXYL) PHTHALATE
41OU HEXACHLOROCYCLOPENTADIENE (HCCP)	41OU DI-N-OCTYLPHTHALATE
41OU 2,4,6-TRICHLOROPHENOL	41OU BENZO(B AND/OR K)FLUORANTHENE
2000U 2,4,5-TRICHLOROPHENOL	41OU BENZO-A-PYRENE
41OU 2-CHLORONAPHTHALENE	41OU INDENO (1,2,3-CD) PYRENE
2000U 2-NITROANILINE	41OU DIBENZO(A,H)ANTHRACENE
41OUR DIMETHYL PHTHALATE	41OU BENZO(GHI)PERYLENE
41OU ACENAPHTHYLENE	20 PERCENT MOISTURE
41OU 2,6-DINITROTOLUENE	

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
FPA-REGION IV ESD. ATHENS. GA.

08/30/90

EXTRACTABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47925 SAMPLE TYPE: GRNDWATER PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
*** SOURCE: CITY: WAYNESVILLE ST: NC
*** STATION ID: SP01 COLLECTION START: 06/27/90 1050 STOP: 00/00/00

** CASF NO.: 14391

SAS NO.:

D. NO.: X142

UG/L

ANALYTICAL RESULTS

UG/L

ANALYTICAL RESULTS

1OU PHENOL
 1OU BIS(2-CHLOROETHYL) ETHER
 1OU 2-CHLOROPHENOL
 1OU 1,3-DICHLOROBENZENE
 1OU 1,4-DICHLOROBENZENE
 1OU BENZYL ALCOHOL
 1OU 1,2-DICHLOROBENZENE
 1OU 2-METHYLPHENOL
 1OU BIS(2-CHLOROISOPROPYL) ETHER
 1OU (3-AND/OR 4-)METHYLPHENOL
 1OU N-NITROSO-DI-N-PROPYLAMINE
 1OU HEXACHLOROETHANE
 1OU NITROBENZENE
 1OU ISOPHORONE
 1OU 2-NITROPHENOL
 1OU 2,4-DIMETHYLPHENOL
 5OU BENZOIC ACID
 1OU BIS(2-CHLOROETHOXY) METHANE
 1OU 2,4-DICHLOROPHENOL
 1OU 1,2,4-TRICHLOROBENZENE
 1OU NAPHTHALENE
 1OU 4-CHLOROANILINE
 1OU HEXACHLOROBUTADIENE
 1OU 4-CHLORO-3-METHYLPHENOL
 1OU 2-METHYLNAPHTHALENE
 1OU HEXACHLOROCYCLOPENTADIENE (HCCP)
 1OU 2,4,6-TRICHLOROPHENOL
 5OU 2,4,5-TRICHLOROPHENOL
 1OU 2-CHLORONAPHTHALENE
 5OU 2-NITROANILINE
 1OU J DIMETHYL PHTHALATE
 1OU ACENAPHTHYLENE
 1OU 2,6-DINITROTOLUENE

50U	3-NITROANILINE
10U	ACENAPHTHENE
50UR	2, 4-DINITROPHENOL
50U	4-NITROPHENOL
10U	DIBENZOFURAN
10U	2, 4-DINITROTOLUENE
10U	DIETHYL PHTHALATE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	FLUORENE
50U	4-NITROANILINE
50U	2-METHYL-4, 6-DINITROPHENOL
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	HEXACHLOROBENZENE (HCB)
50UR	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	ANTHRACENE
10U	DI-N-BUTYL PHTHALATE
10U	FLUORANTHENE
10U	PYRENE
10U	BENZYL BUTYL PHTHALATE
20U	3, 3'-DICHLOROBENZIDINE
10U	BENZO(A)ANTHRACENE
10U	CHRYSENE
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	DI-N-OCTYL PHTHALATE
10U	BENZO(B AND/OR K)FLUORANTHENE
10U	BENZO-A-PYRENE
10U	INDENO (1, 2, 3-CD) PYRENE
10U	DIBENZO(A, H)ANTHRACENE
10U	BENZO(GHI)PERYLENE

*****REMARKS*****

*****REMARKS*****

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

09/04/90

EXTRACTABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47926 SAMPLE TYPE: SOIL
** SOURCE: HAYWOOD COUNTY LDFL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
** STATION ID: SB01 CITY: WAYNESVILLE ST: NC
**
** COLLECTION START: 06/27/90 1055 STOP: 00/00/00
**
**

** CASE NO.: 14391

SAS NO.:

D. NO.: X143

UG/KG

ANALYTICAL RESULTS

UG/KG

ANALYTICAL RESULTS

370U PHENOL
370UR BIS(2-CHLOROETHYL) ETHER
370U 2-CHLOROPHENOL
370U 1,3-DICHLOROBENZENE
370U 1,4-DICHLOROBENZENE
370U BENZYL ALCOHOL
370U 1,2-DICHLOROBENZENE
370U 2-METHYLPHENOL
370U BIS(2-CHLOROISOPROPYL) ETHER
370U (3-AND/OR 4-)METHYLPHENOL
370U N-NITROSO-DI-N-PROPYLAMINE
370UR HEXACHLOROETHANE
370U NITROBENZENE
370U ISOPHORONE
370U 2-NITROPHENOL
370U 2,4-DIMETHYLPHENOL
1800U BENZOIC ACID
370U BIS(2-CHLOROETHOXY) METHANE
370U 2,4-DICHLOROPHENOL
370U 1,2,4-TRICHLOROBENZENE
370U NAPHTHALENE
370U 4-CHLOROANILINE
370U HEXACHLOROBUTADIENE
370U 4-CHLORO-3-METHYLPHENOL
370U 2-METHYLNAPHTHALENE
370U HEXACHLOROCYCLOPENTADIENE (HCCP)
370U 2,4,6-TRICHLOROPHENOL
1800U 2,4,5-TRICHLOROPHENOL
370U 2-CHLORONAPHTHALENE
1800U 2-NITROANILINE
370UR DIMETHYL PHTHALATE
370U ACENAPHTHYLENE
370U 2,6-DINITROTOLUENE

1800U 3-NITROANILINE
370UJ ACENAPHTHENE
1800U 2,4-DINITROPHENOL
1800U 4-NITROPHENOL
370U DIBENZOFURAN
370U 2,4-DINITROTOLUENE
370U DIETHYL PHTHALATE
370U 4-CHLOROPHENYL PHENYL ETHER
370U FLUORENE
1800U 4-NITROANILINE
1800U 2-METHYL-4,6-DINITROPHENOL
370U N-NITROSDIPHENYLAMINE/DIPHENYLAMINE
370U 4-BROMOPHENYL PHENYL ETHER
370U HEXACHLOROBENZENE (HCB)
1800U PENTACHLOROPHENOL
370U PHENANTHRENE
370U ANTHRACENE
370U DI-N-BUTYLPHTHALATE
370U FLUORANTHENE
370U PYRENE
370U BENZYL BUTYL PHTHALATE
750U 3,3'-DICHLOROBENZIDINE
370U BENZO(A)ANTHRACENE
370U CHRYSENE
370U BIS(2-ETHYLHEXYL) PHTHALATE
370U DI-N-OCTYLPHTHALATE
370U BENZO(B AND/OR K)FLUORANTHENE
370U BENZO-A-PYRENE
370U INDENO (1,2,3-CD) PYRENE
370U DIBENZO(A,H)ANTHRACENE
370U BENZO(GHI)PERYLENE
12 PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

EXTRACTABLE ORGANICS DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47927 SAMPLE TYPE: SOIL
** SOURCE: HAYWOOD COUNTY LDFL
** STATION ID: SS02

** CASE NO.: 14391

UG/KG

SAS NO.:
ANALYTICAL RESULTS

PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
CITY: WAYNESVILLE ST: NC
COLLECTION START: 06/27/90 1155 STOP: 00/00/00

D. NO.: X144

UG/KG

ANALYTICAL RESULTS

350U PHENOL
350UR BIS(2-CHLOROETHYL) ETHER
350U 2-CHLOROPHENOL
350U 1, 3-DICHLOROBENZENE
350U 1, 4-DICHLOROBENZENE
350U BENZYL ALCOHOL
350U 1, 2-DICHLOROBENZENE
350U 2-METHYLPHENOL
350U BIS(2-CHLOROISOPROPYL) ETHER
350U (3-AND/OR 4-)METHYLPHENOL
350U N-NITROSODI-N-PROPYLAMINE
350UR HEXACHLOROETHANE
350U NITROBENZENE
350U ISOPHORONE
350U 2-NITROPHENOL
350U 2, 4-DIMETHYLPHENOL
1700U BENZOIC ACID
350U BIS(2-CHLOROETHOXY) METHANE
350U 2, 4-DICHLOROPHENOL
350U 1, 2, 4-TRICHLOROBENZENE
350U NAPHTHALENE
350U 4-CHLOROANILINE
350U HEXACHLOROBUTADIENE
350U 4-CHLORO-3-METHYLPHENOL
350U 2-METHYLNAPHTHALENE
350U HEXACHLOROCYCLOPENTADIENE (HCCP)
350U 2, 4, 6-TRICHLOROPHENOL
1700U 2, 4, 5-TRICHLOROPHENOL
350U 2-CHLORONAPHTHALENE
1700U 2-NITROANILINE
350UR DIMETHYL PHTHALATE
350U ACENAPHTHYLENE
350U 2, 6-DINITROTOLUENE

1700U 3-NITROANILINE
350UJ ACENAPHTHENE
1700U 2, 4-DINITROPHENOL
350U 4-NITROPHENOL
350U DIBENZOFURAN
350U 2, 4-DINITROTOLUENE
350U DIETHYL PHTHALATE
350U 4-CHLOROPHENYL PHENYL ETHER
350U FLUORENE
1700U 4-NITROANILINE
1700U 2-METHYL-4, 6-DINITROPHENOL
350U N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
350U 4-BROMOPHENYL PHENYL ETHER
350U HEXACHLOROBENZENE (HCB)
1700U PENTACHLOROPHENOL
350U PHENANTHRENE
350U ANTHRACENE
350U DI-N-BUTYLPHTHALATE
350U FLUORANTHENE
350U PYRENE
350U BENZYL BUTYL PHTHALATE
710U 3, 3'-DICHLOROBENZIDINE
350U BENZO(A)ANTHRACENE
350U CHRYSENE
350U BIS(2-ETHYLHEXYL) PHTHALATE
350U DI-N-OCTYLPHTHALATE
350U BENZO(B AND/OR K)FLUORANTHENE
350U BENZO-A-PYRENE
350U INDENO (1, 2, 3-CD) PYRENE
350U DIBENZO(A, H)ANTHRACENE
350U BENZO(GHI)PERYLENE
7 PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

EXTRACTABLE ORGANICS DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47928 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC **
** STATION ID: SB02 COLLECTION START: 06/27/90 1215 STOP: 00/00/00 **
**

** CASE NO.: 14391

UG/KG ANALYTICAL RESULTS

SAS NO.: D. NO. X145

UG/KG	ANALYTICAL RESULTS	UG/KG	ANALYTICAL RESULTS
41OU	PHENOL	2000U	3-NITROANILINE
41OUR	BIS(2-CHLOROETHYL) ETHER	41OUJ	ACENAPHTHENE
41OU	2-CHLOROPHENOL	2000U	2,4-DINITROPHENOL
41OU	1,3-DICHLOROBENZENE	2000U	4-NITROPHENOL
41OU	1,4-DICHLOROBENZENE	41OU	DIBENZOFURAN
41OU	BENZYL ALCOHOL	41OU	2,4-DINITROTOLUENE
41OU	1,2-DICHLOROBENZENE	41OU	DIETHYL PHTHALATE
41OU	2-METHYLPHENOL	41OU	4-CHLOROPHENYL PHENYL ETHER
41OU	BIS(2-CHLOROISOPROPYL) ETHER	41OU	FLUORENE
41OU	(3-AND/OR 4-)METHYLPHENOL	2000U	4-NITROANILINE
41OU	N-NITROSODI-N-PROPYLAMINE	2000U	2-METHYL-4,6-DINITROPHENOL
41OUR	HEXACHLOROETHANE	41OU	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
41OU	NITROBENZENE	41OU	4-BROMOPHENYL PHENYL ETHER
41OU	ISOPHORONE	41OU	HEXACHLOROBENZENE (HCB)
41OU	2-NITROPHENOL	2000U	PENTACHLOROPHENOL
41OU	2,4-DIMETHYLPHENOL	41OU	PHENANTHRENE
2000U	BENZOIC ACID	41OU	ANTHRACENE
41OU	BIS(2-CHLOROETHOXY) METHANE	41OU	DI-N-BUTYLPHTHALATE
41OU	2,4-DICHLOROPHENOL	41OU	FLUORANTHENE
41OU	1,2,4-TRICHLOROBENZENE	41OU	PYRENE
41OU	NAPHTHALENE	41OU	BENZYL BUTYL PHTHALATE
41OU	4-CHLOROANILINE	82OU	3,3'-DICHLOROBENZIDINE
41OU	HEXACHLOROBUTADIENE	41OU	BENZO(A)ANTHRACENE
41OU	4-CHLORO-3-METHYLPHENOL	41OU	CHRYSENE
41OU	2-METHYLNAPHTHALENE	41OU	BIS(2-ETHYLHEXYL) PHTHALATE
41OU	HEXACHLOROCYCLOPENTADIENE (HCCP)	41OU	DI-N-OCTYLPHTHALATE
41OU	2,4,6-TRICHLOROPHENOL	41OU	BENZO(B AND/OR K)FLUORANTHENE
2000U	2,4,5-TRICHLOROPHENOL	41OU	BENZO-A-PYRENE
41OU	2-CHLORONAPHTHALENE	41OU	INDENO (1,2,3-CD) PYRENE
2000U	2-NITROANILINE	41OU	DIBENZO(A,H)ANTHRACENE
41OUR	DIMETHYL PHTHALATE	41OU	BENZO(GHI)PERYLENE
41OU	ACENAPHTHENE	19	PERCENT MOISTURE
41OU	2,6-DINITROTOLUENE		

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

EXTRACTABLE ORGANICS DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47929 SAMPLE TYPE: SURF.WATER PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC **
** STATION ID: SW01 COLLECTION START: 06/27/90 1220 STOP: 00/00/00 **
**

** CASE NO.: 14391

SAS NO.:

D. NO.: X146

UG/L ANALYTICAL RESULTS

UG/L ANALYTICAL RESULTS

1OU PHENOL
1OUR BIS(2-CHLOROETHYL) ETHER
1OUR 2-CHLOROPHENOL
1OU 1,3-DICHLOROBENZENE
1OU 1,4-DICHLOROBENZENE
1OU BENZYL ALCOHOL
1OU 1,2-DICHLOROBENZENE
1OU 2-METHYLPHENOL
1OU BIS(2-CHLOROISOPROPYL) ETHER
1OU (3-AND/OR 4-)METHYLPHENOL
1OU N-NITROSODI-N-PROPYLAMINE
1OU HEXACHLOROETHANE
1OU NITROBENZENE
1OU ISOPHORONE
1OU 2-NITROPHENOL
1OU 2,4-DIMETHYLPHENOL
5OU BENZOIC ACID
1OU BIS(2-CHLOROETHOXY) METHANE
1OU 2,4-DICHLOROPHENOL
1OU 1,2,4-TRICHLOROBENZENE
1OU NAPHTHALENE
1OU 4-CHLOROANILINE
1OU HEXACHLOROBUTADIENE
1OU 4-CHLORO-3-METHYLPHENOL
1OU 2-METHYLNAPHTHALENE
1OU HEXACHLOROCYCLOPENTADIENE (HCCP)
1OU 2,4,6-TRICHLOROPHENOL
5OU 2,4,5-TRICHLOROPHENOL
1OU 2-CHLORONAPHTHALENE
5OU 2-NITROANILINE
1OUJ DIME THYL PHTHALATE
1OU ACENAPHTHYLENE
1OU 2,6-DINITROTOLUENE

5OU 3-NITROANILINE
1OU ACENAPHTHENE
5OUR 2,4-DINITROPHENOL
5OU 4-NITROPHENOL
1OU DIBENZOFURAN
1OU 2,4-DINITROTOLUENE
1OU DIETHYL PHTHALATE
1OU 4-CHLOROPHENYL PHENYL ETHER
1OU FLUORENE
5OU 4-NITROANILINE
5OU 2-METHYL-4,6-DINITROPHENOL
1OU N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1OU 4-BROMOPHENYL PHENYL ETHER
1OU HEXACHLOROBENZENE (HCB)
5OUR PENTACHLOROPHENOL
1OU PHENANTHRENE
1OU ANTHRACENE
1OU DI-N-BUTYLPHTHALATE
1OU FLUORANTHENE
1OU PYRENE
1OU BENZYL BUTYL PHTHALATE
2OU 3,3'-DICHLOROBENZIDINE
1OU BENZO(A)ANTHRACENE
1OU CHRYSENE
1OU BIS(2-ETHYLHEXYL) PHTHALATE
1OU DI-N-OCTYLPHTHALATE
1OU BENZO(B AND/OR K)FLUORANTHENE
1OU BENZO-A-PYRENE
1OU INDENO (1,2,3-CD) PYRENE
1OU DIBENZO(A,H)ANTHRACENE
1OU BENZO(GHI)PERYLENE

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

EXTRACTABLE ORGANICS DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47930 SAMPLE TYPE: SOIL
** SOURCE:
** STATION ID: SD01

PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
CITY: WAYNESVILLE ST: NC
COLLECTION START: 06/27/90 1225 STOP: 00/00/00

** CASE NO.: 14391

SAS NO.:

D. NO.: X147

UG/KG

ANALYTICAL RESULTS

UG/KG

ANALYTICAL RESULTS

610U	PHENOL	3000U	3-NITROANILINE
610UR	BIS(2-CHLOROETHYL) ETHER	610UJ	ACENAPHTHENE
610U	2-CHLOROPHENOL	3000U	2,4-DINITROPHENOL
610U	1,3-DICHLOROBENZENE	3000U	4-NITROPHENOL
610U	1,4-DICHLOROBENZENE	610U	DIBENZOFURAN
610U	BENZYL ALCOHOL	610U	2,4-DINITROTOLUENE
610U	1,2-DICHLOROBENZENE	610U	DIETHYL PHTHALATE
610U	2-METHYLPHENOL	610U	4-CHLOROPHENYL PHENYL ETHER
610U	BIS(2-CHLOROISOPROPYL) ETHER	610U	FLUORENE
610U	(3-AND/OR 4-)METHYLPHENOL	3000U	4-NITROANILINE
610U	N-NITROSODI-N-PROPYLAMINE	3000U	2-METHYL-4,6-DINITROPHENOL
610UR	HEXACHLOROETHANE	610U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
610U	NITROBENZENE	610U	4-BROMOPHENYL PHENYL ETHER
610U	ISOPHORONE	610U	HEXACHLOROBENZENE (HCB)
610U	2-NITROPHENOL	3000U	PENTACHLOROPHENOL
610U	2,4-DIMETHYLPHENOL	610U	PHENANTHRENE
3000U	BENZOIC ACID	610U	ANTHRACENE
610U	BIS(2-CHLOROETHOXY) METHANE	610U	DI-N-BUTYLPHTHALATE
610U	2,4-DICHLOROPHENOL	610U	FLUORANTHENE
610U	1,2,4-TRICHLOROBENZENE	610U	PYRENE
610U	NAPHTHALENE	610U	BENZYL BUTYL PHTHALATE
610U	4-CHLOROANILINE	1200U	3,3'-DICHLOROBENZIDINE
610U	HEXACHLOROBUTADIENE	610U	BENZO(A)ANTHRACENE
610U	4-CHLORO-3-METHYLPHENOL	610U	CHRYSENE
610U	2-METHYLNAPHTHALENE	610U	BIS(2-ETHYLHEXYL) PHTHALATE
610U	HEXACHLOROCYCLOPENTADIENE (HCCP)	610U	DI-N-OCTYLPHTHALATE
610U	2,4,6-TRICHLOROPHENOL	610U	BENZO(B AND/OR K)FLUORANTHENE
3000U	2,4,5-TRICHLOROPHENOL	610U	BENZO-A-PYRENE
610U	2-CHLORONAPHTHALENE	610U	INDENO (1,2,3-CD) PYRENE
3000U	2-NITROANILINE	610U	DIBENZO(A,H)ANTHRACENE
610UR	DIMETHYL PHTHALATE	610U	BENZO(GHI)PERYLENE
610U	ACENAPHTHYLENE	4G	40 PERCENT MOISTURE
610U	2,6-DINITROTOLUENE		

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

EXTRACTABLE ORGANICS DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47931 SAMPLE TYPE: SOIL
** SOURCE: HAYWOOD COUNTY LDFL
** STATION ID: SD03

PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
CITY: WAYNESVILLE ST: NC
COLLECTION START: 06/27/90 1235 STOP: 00/00/00

** CASE NO.: 14391

SAS NO.:

D. NO.. X148

UG/KG ANALYTICAL RESULTS

UG/KG ANALYTICAL RESULTS

340U PHENOL
340UR BIS(2-CHLOROETHYL) ETHER
340U 2-CHLOROPHENOL
340U 1,3-DICHLOROBENZENE
340U 1,4-DICHLOROBENZENE
340U BENZYL ALCOHOL
340U 1,2-DICHLOROBENZENE
340U 2-METHYLPHENOL
340U BIS(2-CHLOROISOPROPYL) ETHER
340U (3-AND/OR 4-)METHYLPHENOL
340U N-NITROSODI-N-PROPYLAMINE
340UR HEXACHLOROETHANE
340U NITROBENZENE
340U ISOPHORONE
340U 2-NITROPHENOL
340U 2,4-DIMETHYLPHENOL
1600U BENZOIC ACID
340U BIS(2-CHLOROETHOXY) METHANE
340U 2,4-DICHLOROPHENOL
340U 1,2,4-TRICHLOROBENZENE
340U NAPHTHALENE
340U 4-CHLOROANILINE
340U HEXACHLOROCYCLOPENTADIENE (HCCP)
340U 4-CHLORO-3-METHYLPHENOL
340U 2-METHYLNAPHTHALENE
340U 2,4,6-TRICHLOROPHENOL
1600U 2,4,5-TRICHLOROPHENOL
340U 2-CHLORONAPHTHALENE
1600U 2-NITROANILINE
340UR DIMETHYL PHTHALATE
340U ACENAPHTHYLENE
340U 2,6-DINITROTOLUENE

1600U 3-NITROANILINE
340UJ ACENAPHTHENE
1600U 2,4-DINITROPHENOL
1600U 4-NITROPHENOL
340U DIBENZOFURAN
340U 2,4-DINITROTOLUENE
340U DIETHYL PHTHALATE
340U 4-CHLOROPHENYL PHENYL ETHER
340U FLUORENE
1600U 4-NITROANILINE
1600U 2-METHYL-4,6-DINITROPHENOL
340U N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
340U 4-BROMOPHENYL PHENYL ETHER
340U HEXACHLOROBENZENE (HCB)
1600U PENTACHLOROPHENOL
340U PHENANTHRENE
340U ANTHRACENE
340U DI-N-BUTYLPHthalate
340U FLUORANTHENE
340U PYRENE
210J BENZYL BUTYL PHTHALATE
680U 3,3'-DICHLOROBENZIDINE
340U BENZO(A)ANTHRACENE
340U CHRYSENE
500U BIS(2-ETHYLHEXYL) PHTHALATE
340U DI-N-OCTYLPHthalate
340U BENZO(B AND/OR K)FLUORANTHENE
340U BENZO-A-PYRENE
340U INDENO (1,2,3-CD) PYRENE
340U DIBENZO(A,H)ANTHRACENE
340U BENZO(GHI)PERYLENE
3 PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.**

08/30/90

EXTRACTABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47932 SAMPLE TYPE: PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
*** SOURCE: CITY: WAYNESVILLE ST: NC
*** STATION ID: SS03 COLLECTION START: 06/27/90 1355 STOP: 00/00

** CASE NO.: 14391

SAS NO.:

P. NO : X149

360U PHENOL
360UR BIS(2-CHLOROETHYL) ETHER
360U 2-CHLOROPHENOL
360U 1,3-DICHLOROBENZENE
360U 1,4-DICHLOROBENZENE
360U BENZYL ALCOHOL
360U 1,2-DICHLOROBENZENE
360U 2-METHYLPHENOL
360U BIS(2-CHLOROISOPROPYL) ETHER
360U (3-AND/OR 4-)METHYLPHENOL
360U N-NITROSODI-N-PROPYLAMINE
360UR HEXACHLOROETHANE
360U NITROBENZENE
360U ISOPHORONE
360U 2-NITROPHENOL
360U 2,4-DIMETHYLPHENOL
1 700U BENZOIC ACID
360U BIS(2-CHLOROETHOXY) METHANE
360U 2,4-DICHLOROPHENOL
360U 1,2,4-TRICHLOROBENZENE
360U NAPHTHALENE
360U 4-CHLOROANILINE
360U HEXACHLOROBUTADIENE
360U 4-CHLORO-3-METHYLPHENOL
360U 2-METHYLNAPHTHALENE
360U HEXACHLOROCYCLOPENTADIENE (H)
360U 2,4,6-TRICHLOROPHENOL
1 700U 2,4,5-TRICHLOROPHENOL
360U 2-CHLORONAPHTHALENE
1 700U 2-NITROANILINE
360UR DIMETHYL PHTHALATE
360U ACENAPHTHYLENE
360U 2,6-DINITROTOLUENE

1700U	3-NITROANILINE
360UJ	ACENAPHTHENE
1700U	2, 4-DINITROPHENOL
1700U	4-NITROPHENOL
360U	DIBENZOFURAN
360U	2, 4-DINITROTOLUENE
360U	DIETHYL PHTHALATE
360U	4-CHLOROPHENYL PHENYL ETHER
360U	FLUORENE
1700U	4-NITROANILINE
1700U	2-METHYL-4, 6-DINITROPHENOL
360U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
360U	4-BROMOPHENYL PHENYL ETHER
360U	HEXACHLOROBENZENE (HCB)
1700U	PENTACHLOROPHENOL
360U	PHENANTHRENE
360U	ANTHRACENE
360U	DI-N-BUTYLPHthalate
360U	FLUORANTHENE
360U	PYRENE
360U	BENZYL BUTYL PHTHALATE
720U	3, 3'-DICHLOROBENZIDINE
360U	BÉNZO(A)ANTHRACENE
360U	CHRYSENE
360U	BIS(2-ETHYLHEXYL) PHTHALATE
360U	DI-N-OCTYLPHthalate
360U	BENZO(B AND/OR K)FLUORANTHENE
360U	BENZO-A-PYRENE
360U	INDENO (1, 2, 3-CD) PYRENE
360U	DIBENZO(A, H)ANTHRACENE
360U	BENZO(GHI)PERYLENE
8	PERCENT MOISTURE

*****REMARKS*****

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

EXTRACTABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47933 SAMPLE TYPE: SURF.WATER PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
*** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
*** STATION ID: SW02 COLLECTION START: 06/27/90 1420 STOP: 00/00/00

** CASE NO.: 14391

SAS NO.:

D. NO.: X150

UG/L ANALYTICAL RESULTS

UG/L ANALYTICAL RESULTS

1OU PHENOL
1OUR BIS(2-CHLOROETHYL) ETHER
1OUR 2-CHLOROPHENOL
1OU 1,3-DICHLOROBENZENE
1OU 1,4-DICHLOROBENZENE
1OU BENZYL ALCOHOL
1OU 1,2-DICHLOROBENZENE
1OU 2-METHYLPHENOL
1OU BIS(2-CHLOROISOPROPYL) ETHER
1OU (3-AND/OR 4-)METHYLPHENOL
1OU N-NITROSOI-N-PROPYLAMINE
1OU HEXACHLOROETHANE
1OU NITROBENZENE
1OU ISOPHORONE
1OU 2-NITROPHENOL
1OU 2,4-DIMETHYLPHENOL
5OU BENZOIC ACID
1OU BIS(2-CHLOROETHOXY) METHANE
1OU 2,4-DICHLOROPHENOL
1OU 1,2,4-TRICHLOROBENZENE
1OU NAPHTHALENE
1OU 4-CHLORANILINE
1OU HEXACHLOROBUTADIENE
1OU 4-CHLORO-3-METHYLPHENOL
1OU 2-METHYLNAPHTHALENE
1OU HEXACHLOROCYCLOPENTADIENE (HCCP)
1OU 2,4,6-TRICHLOROPHENOL
5OU 2,4,5-TRICHLOROPHENOL
1OU 2-CHLORONAPHTHALENE
5OU 2-NITROANILINE
1OUJ DIME THYL PHTHALATE
1OU ACENAPHTHYLENE
1OU 2,6-DINITROTOLUENE

50U	3-NITROANILINE
10U	ACENAPHTHENE
SOUR	2,4-DINITROPHENOL
50U	4-NITROPHENOL
10U	DIBENZOFURAN
10U	2,4-DINITROTOLUENE
10U	DIETHYL PHTHALATE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	FLUORENE
50U	4-NITROANILINE
50U	2-METHYL-4,6-DINITROPHENOL
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	HEXACHLOROBENZENE (HCB)
SOUR	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	ANTHRACENE
10U	DI-N-BUTYL PHTHALATE
10U	FLUORANTHENE
10U	PYRENE
10U	BENZYL BUTYL PHTHALATE
20U	3,3'-DICHLOROBENZIDINE
10U	BENZO(A)ANTHRACENE
10U	CHRYSENE
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	DI-N-OCTYL PHTHALATE
10U	BENZO(B AND/OR K)FLUORANTHENE
10U	BENZO-A-PYRENE
10U	INDENO (1,2,3-CD) PYRENE
10U	DIBENZO(A,H)ANTHRACENE
10U	BENZO(GHI)PERYLENE

*****REMARKS*****

*****REMARKS*****

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

EXTRACTABLE ORGANICS DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47934 SAMPLE TYPE: SOIL
** SOURCE: HAYWOOD COUNTY LDFL
** STATION ID: SD02

** CASE NO.: 14391

UG/KG

ANALYTICAL RESULTS

SAS NO.:

D. NO.: X151

UG/KG

ANALYTICAL RESULTS

600U	PHENOL	2900U	3-NITROANILINE
600UR	BIS(2-CHLOROETHYL) ETHER	600UJ	ACENAPHTHENE
600U	2-CHLOROPHENOL	2900U	2,4-DINITROPHENOL
600U	1,3-DICHLOROBENZENE	2900U	4-NITROPHENOL
600U	1,4-DICHLOROBENZENE	600U	DIBENZOFURAN
600U	BENZYL ALCOHOL	600U	2,4-DINITROTOLUENE
600U	1,2-DICHLOROBENZENE	600U	DIETHYL PHTHALATE
600U	2-METHYLPHENOL	600U	4-CHLOROPHENYL PHENYL ETHER
600U	BIS(2-CHLOROISOPROPYL) ETHER	600U	FLUORENE
600U	(3-AND/OR 4-)METHYLPHENOL	2900U	4-NITROANILINE
600U	N-NITROSODI-N-PROPYLAMINE	2900U	2-METHYL-4,6-DINITROPHENOL
600UR	HEXACHLOROETHANE	600U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
600U	NITROBENZENE	600U	4-BROMOPHENYL PHENYL ETHER
600U	ISOPHORONE	600U	HEXACHLOROBENZENE (HCB)
600U	2-NITROPHENOL	2900U	PENTACHLOROPHENOL
600U	2,4-DIMETHYLPHENOL	600U	PHENANTHRENE
2900U	BENZOIC ACID	600U	ANTHRACENE
600U	BIS(2-CHLOROETHOXY) METHANE	600U	DI-N-BUTYLPHTHALATE
600U	2,4-DICHLOROPHENOL	600U	FLUORANTHENE
600U	1,2,4-TRICHLOROBENZENE	600U	PYRENE
600U	NAPHTHALENE	600U	BENZYL BUTYL PHTHALATE
600U	4-CHLOROANILINE	1200U	3,3'-DICHLOROBENZIDINE
600U	HEXACHLOROBUTADIENE	600U	BENZO(A)ANTHRACENE
600U	4-CHLORO-3-METHYLPHENOL	600U	CHRYSENE
600U	2-METHYLNAPHTHALENE	870	BIS(2-ETHYLHEXYL) PHTHALATE
600U	HEXACHLOROCYCLOPENTADIENE (HCCP)	600U	DI-N-OCTYLPHTHALATE
600U	2,4,6-TRICHLOROPHENOL	600U	BENZO(B AND/OR K)FLUORANTHENE
2900U	2,4,5-TRICHLOROPHENOL	600U	BENZO-A-PYRENE
600U	2-CHLORONAPHTHALENE	600U	INDENO (1,2,3-CD) PYRENE
2900U	2-NITROANILINE	600U	DIBENZO(A,H)ANTHRACENE
600UR	DI-METHYL PHTHALATE	600U	BENZO(GHI)PERYLENE
600U	ACENAPHTHYLENE	45	PERCENT MOISTURE
600U	2,6-DINITROTOLUENE		

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

EXTRACTABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47935 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
** SOURCE: CITY: WAYNESVILLE ST: NC **
** STATION ID: SB03 COLLECTION START: 06/27/90 1520 STOP: 00/00/00 **
**

*** CASE NO.: 14391

SAS NO.:

D. NO.: X152

*** UG/KG

ANALYTICAL RESULTS

UG/KG

ANALYTICAL RESULTS

390U PHENOL	1900U 3-NITROANILINE
390UR BIS(2-CHLOROETHYL) ETHER	390UJ ACENAPHTHENE
390U 2-CHLOROPHENOL	1900U 2, 4-DINITROPHENOL
390U 1, 3-DICHLOROBENZENE	1900U 4-NITROPHENOL
390U 1, 4-DICHLOROBENZENE	390U DIBENZOFURAN
390U BENZYL ALCOHOL	390U 2, 4-DINITROTOLUENE
390U 1, 2-DICHLOROBENZENE	390U DIETHYL PHTHALATE
390U 2-METHYLPHENOL	390U 4-CHLOROPHENYL PHENYL ETHER
390U BIS(2-CHLOROISOPROPYL) ETHER	390U FLUORENE
390U (3-AND/OR 4-)METHYLPHENOL	1900U 4-NITROANILINE
390U N-NITROSODI-N-PROPYLAMINE	1900U 2-METHYL-4, 6-DINITROPHENOL
390UR HEXACHLOROETHANE	390U N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
390U NITROBENZENE	390U 4-BROMOPHENYL PHENYL ETHER
390U ISOPHORONE	390U HEXACHLOROBENZENE (HCB)
390U 2-NITROPHENOL	1900U PENTACHLOROPHENOL
390U 2, 4-DIMETHYLPHENOL	390U PHENANTHRENE
1900U BENZOIC ACID	390U ANTHRACENE
390U BIS(2-CHLOROETHOXY) METHANE	390U DI-N-BUTYLPHTHALATE
390U 2, 4-DICHLOROPHENOL	390U FLUORANTHENE
390U 1, 2, 4-TRICHLOROBENZENE	390U PYRENE
390U NAPHTHALENE	390U BENZYL BUTYL PHTHALATE
390U 4-CHLOROANILINE	780U 3, 3'-DICHLOROBENZIDINE
390U HEXACHLOROBUTADIENE	390U BENZO(A)ANTHRACENE
390U 4-CHLORO-3-METHYLPHENOL	390U CHRYSENE
390U 2-METHYLNAPHTHALENE	390U BIS(2-ETHYLHEXYL) PHTHALATE
390U HEXACHLOROCYCLOPENTADIENE (HCCP)	390U DI-N-OCTYLPHTHALATE
390U 2, 4, 6-TRICHLOROPHENOL	390U BENZO(B AND/OR K)FLUORANTHENE
1900U 2, 4, 5-TRICHLOROPHENOL	390U BENZO-A-PYRENE
390U 2-CHLORONAPHTHALENE	390U INDENO (1, 2, 3-CD) PYRENE
1900U 2-NITROANILINE	390U DIBENZO(A, H)ANTHRACENE
390UR DIMETHYL PHTHALATE	390U BENZO(GHI)PERYLENE
390U ACENAPHTHYLENE	15 PERCENT MOISTURE
390U 2, 6-DINITROTOLUENE	

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

EXTRACTABLE ORGANICS DATA REPORT

** PROJECT NO. 90-540	** SAMPLE NO. 47936	** SAMPLE TYPE:	** PROG ELEM: NSF	** COLLECTED BY: JOHN JENKINS
** SOURCE:			CITY: WAYNESVILLE	ST: NC
** STATION ID: PW01			COLLECTION START: 06/27/90 1625	STOP: 00/00/00
** CASE NO.: 14391				
UG/L	SAS NO.:	D. NO.: X153	UG/L	ANALYTICAL RESULTS
1OU PHENOL		5OU 3-NITROANILINE		
1OU BIS(2-CHLOROETHYL) ETHER		1OU ACENAPHTHENE		
1OU 2-CHLOROPHENOL		5OU 2,4-DINITROPHENOL		
1OU 1,3-DICHLOROBENZENE		5OU 4-NITROPHENOL		
1OU 1,4-DICHLOROBENZENE		1OU DIBENZOFURAN		
1OU BENZYL ALCOHOL		1OU 2,4-DINITROTOLUENE		
1OU 1,2-DICHLOROBENZENE		1OU DIETHYL PHTHALATE		
1OU 2-METHYLPHENOL		1OU 4-CHLOROPHENYL PHENYL ETHER		
1OU BIS(2-CHLOROISOPROPYL) ETHER		1OU FLUORENE		
1OU (3-AND/OR 4-)METHYLPHENOL		5OU 4-NITROANILINE		
1OU N-NITROSODI-N-PROPYLAMINE		5OU 2-METHYL-4,6-DINITROPHENOL		
1OU HEXACHLOROETHANE		1OU N-NITROSODIPHENYLAMINE/DIPHENYLAMINE		
1OU NITROBENZENE		1OU 4-BROMOPHENYL PHENYL ETHER		
1OU ISOPHORONE		1OU HEXACHLOROBENZENE (HCB)		
1OU 2-NITROPHENOL		5OU PENTACHLOROPHENOL		
1OU 2,4-DIMETHYLPHENOL		1OU PHENANTHRENE		
5OU BENZOIC ACID		1OU ANTHRACENE		
1OU BIS(2-CHLOROETHOXY) METHANE		1OU DI-N-BUTYLPHTHALATE		
1OU 2,4-DICHLOROPHENOL		1OU FLUORANTHENE		
1OU 1,2,4-TRICHLOROBENZENE		1OU PYRENE		
1OU NAPHTHALENE		1OU BENZYL BUTYL PHTHALATE		
1OU 4-CHLOROANILINE		2OU 3,3'-DICHLOROBENZIDINE		
1OU HEXACHLOROBUTADIENE		1OU BENZO(A)ANTHRACENE		
1OU 4-CHLORO-3-METHYLPHENOL		1OU CHRYSENE		
1OU 2-METHYLNAPHTHALENE		1OU BIS(2-ETHYLHEXYL) PHTHALATE		
1OU HEXACHLOROCYCLOPENTADIENE (HCCP)		1OU DI-N-OCTYLPHTHALATE		
1OU 2,4,6-TRICHLOROPHENOL		1OU BENZO(B AND/OR K)FLUORANTHENE		
5OU 2,4,5-TRICHLOROPHENOL		1OU BENZO-A-PYRENE		
1OU 2-CHLORONAPHTHALENE		1OU INDENO (1,2,3-CD) PYRENE		
5OU 2-NITROANILINE		1OU DIBENZO(A,H)ANTHRACENE		
1OUJ DIMEHYL PHTHALATE		1OU BENZO(GHI)PERYLENE		
1OU ACENAPHTHYLENE				
1OU 2,6-DINITROTOLUENE				

REMARKS

REMARKS

FOOTNOTES

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**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS. GA.**

08/30/90

EXTRACTABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47941 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
** STATION ID: SS04 COLLECTION START: 06/28/90 1020 STOP: 00/00/00

** CASE NO.: 14391

SAS NO.:

D. NO.: X154

UG/KG

ANALYTICAL RESULTS

UG/KG

ANALYTICAL RESULTS

340U PHENOL
340UR BIS(2-CHLOROETHYL) ETHER
340U 2-CHLOROPHENOL
340U 1, 3-DICHLOROBENZENE
340U 1, 4-DICHLOROBENZENE
340U BENZYL ALCOHOL
340U 1, 2-DICHLOROBENZENE
340U 2-METHYLPHENOL
340U BIS(2-CHLOROISOPROPYL) ETHER
340U (3-AND/OR 4-)METHYLPHENOL
340U N-NITROSO-DI-N-PROPYLAMINE
340UR HEXACHLOROETHANE
340U NITROBENZENE
340U ISOPHORONE
340U 2-NITROPHENOL
340U 2, 4-DIMETHYLPHENOL
1600U BENZOIC ACID
340U BIS(2-CHLOROETHOXY) METHANE
340U 2, 4-DICHLOROPHENOL
340U 1, 2, 4-TRICHLOROBENZENE
340U NAPHTHALENE
340U 4-CHLORANILINE
340U HEXACHLOROBUTADIENE
340U 4-CHLORO-3-METHYLPHENOL
340U 2-METHYLNAPHTHALENE
340U HEXACHLOROCYCLOPENTADIENE (HCCP)
340U 2, 4, 6-TRICHLOROPHENOL
1600U 2, 4, 5-TRICHLOROPHENOL
340U 2-CHLORONAPHTHALENE
1600U 2-NITROANILINE
340UR DIMEETHYL PHTHALATE
340U ACENAPHTHYLENE
340U 2, 6-DINITROTOLUENE

1600U	3-NITROANILINE
340UJ	ACENAPHTHENE
1600U	2,4-DINITROPHENOL
1600U	4-NITROPHENOL
340U	DIBENZOFURAN
340U	2,4-DINITROTOLUENE
340U	DIETHYL PHTHALATE
340U	4-CHLOROPHENYL PHENYL ETHER
340U	FLUORENE
1600U	4-NITROANILINE
1600U	2-METHYL-4,6-DINITROPHENOL
340U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
340U	4-BROMOPHENYL PHENYL ETHER
340U	HEXACHLOROBENZENE (HCB)
1600U	PENTACHLOROPHENOL
340U	PHENANTHRENE
340U	ANTHRACENE
340U	DI-N-BUTYLPHTHALATE
340U	FLUORANTHENE
340U	PYRENE
340U	BENZYL BUTYL PHTHALATE
680U	3,3'-DICHLOROBENZIDINE
340U	BÉNZO(A)ANTHRACENE
340U	CHRYSENE
340U	BIS(2-ETHYLHEXYL) PHTHALATE
340U	DI-N-OCTYLPHTHALATE
340U	BENZO(B AND/OR K)FLUORANTHENE
340U	BENZO-A-PYRENE
340U	INDENO (1,2,3-CD) PYRENE
340U	DIBENZO(A,H)ANTHRACENE
340U	BENZO(GHI)PERYLENE
3	PERCENT MOISTURE

*****REMARKS*****

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

EXTRACTABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47942 SAMPLE TYPE: SOIL
** SOURCE: HAYWOOD COUNTY LDFL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
** STATION ID: SB04 CITY: WAYNESVILLE ST: NC
** COLLECTION START: 06/28/90 1040 STOP: 00/00/00
**
** CASE NO.: 14391 D. NO.: X155
*** UG/KG ANALYTICAL RESULTS UG/KG ANALYTICAL RESULTS

400U	PHENOL
400UR	BIS(2-CHLOROETHYL) ETHER
400U	2-CHLOROPHENOL
400U	1,3-DICHLOROBENZENE
400U	1,4-DICHLOROBENZENE
400U	BENZYL ALCOHOL
400U	1,2-DICHLOROBENZENE
400U	2-METHYLPHENOL
400U	BIS(2-CHLOROISOPROPYL) ETHER
400U	(3-AND/OR 4-)METHYLPHENOL
400U	N-NITROSO-DI-N-PROPYLAMINE
400UR	HEXAChLOROETHANE
400U	NITROBENZENE
400U	ISOPHORONE
400U	2-NITROPHENOL
400U	2,4-DIMETHYLPHENOL
1900U	BENZOIC ACID
400U	BIS(2-CHLOROETHOXY) METHANE
400U	2,4-DICHLOROPHENOL
400U	1,2,4-TRICHLOROBENZENE
400U	NAPHTHALENE
400U	4-CHLORANILINE
400U	HEXAChLOROBUTADIENE
400U	4-CHLORO-3-METHYLPHENOL
400U	2-METHYLNAPHTHALENE
400U	HEXAChLOROCYCLOPENTADIENE (HCCP)
400U	2,4,6-TRICHLOROPHENOL
1900U	2,4,5-TRICHLOROPHENOL
400U	2-CHLORONAPHTHALENE
1900U	2-NITROANILINE
400UR	DIMETHYL PHTHALATE
400U	ACENAPHTHYLENE
400U	2,6-DINITROTOLUENE

*** PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
** CITY: WAYNESVILLE ST: NC
** COLLECTION START: 06/28/90 1040 STOP: 00/00/00
**
** D. NO.: X155
*** UG/KG ANALYTICAL RESULTS UG/KG ANALYTICAL RESULTS

1900U	3-NITROANILINE
400UJ	ACENAPHTHENE
1900U	2,4-DINITROPHENOL
1900U	4-NITROPHENOL
400U	DIBENZOFURAN
400U	2,4-DINITROTOLUENE
400U	DIETHYL PHTHALATE
400U	4-CHLOROPHENYL PHENYL ETHER
400U	FLUORENE
1900U	4-NITROANILINE
1900U	2-METHYL-4,6-DINITROPHENOL
400U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
400U	4-BROMOPHENYL PHENYL ETHER
400U	HEXAChLOROBENZENE (HCB)
1900U	PENTACHLOROPHENOL
400U	PHENANTHRENE
400U	ANTHRACENE
400U	DI-N-BUTYLPHthalate
400U	FLUORANTHENE
400U	PYRENE
400U	BENZYL BUTYL PHTHALATE
800U	3,3'-DICHLOROBENZIDINE
400U	BENZO(A)ANTHRACENE
400U	CHRYSENE
400U	BIS(2-ETHYLHEXYL) PHTHALATE
400U	DI-N-OCTYLPHthalate
400U	BENZO(B AND/OR K)FLUORANTHENE
400U	BENZO-A-PYRENE
400U	INDENO (1,2,3-CD) PYRENE
400U	DIBENZO(A,H)ANTHRACENE
400U	BENZO(GH)PERYLENE
17	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

EXTRACTABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47943 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
** STATION ID: SS05 COLLECTION START: 06/28/90 1300 STOP: 00/00/00
**
**

CASE NO.: 14391

SAS NO.:

D. NO.: X156

UG/KG ANALYTICAL RESULTS

UG/KG ANALYTICAL RESULTS

1300U	PHENOL	6500U	3-NITROANILINE
1300UR	BIS(2-CHLOROETHYL) ETHER	1300UJ	ACENAPHTHENE
1300U	2-CHLOROPHENOL	6500U	2,4-DINITROPHENOL
1300U	1,3-DICHLOROBENZENE	6500U	4-NITROPHENOL
1300U	1,4-DICHLOROBENZENE	1300U	DIBENZOFURAN
1300U	BENZYL ALCOHOL	1300U	2,4-DINITROTOLUENE
1300U	1,2-DICHLOROBENZENE	1300U	DIETHYL PHTHALATE
1300U	2-METHYLPHENOL	1300U	4-CHLOROPHENYL PHENYL ETHER
1300U	BIS(2-CHLOROISOPROPYL) ETHER	1300U	FLUORENE
1300U	(3-AND/OR 4-)METHYLPHENOL	6500U	4-NITROANILINE
1300U	N-NITROSODI-N-PROPYLAMINE	6500U	2-METHYL-4,6-DINITROPHENOL
1300UR	HEXAChLOROETHANE	380J	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1300U	NITROBENZENE	1300U	4-BROMOPHENYL PHENYL ETHER
1300U	ISOPHORONE	1300U	HEXAChLOROBENZENE (HCB)
1300U	2-NITROPHENOL	6500U	PENTACHLOROPHENOL
1300U	2,4-DIMETHYLPHENOL	330J	PHENANTHRENE
6500U	BENZOIC ACID	1300U	ANTHRACENE
1300U	BIS(2-CHLOROETHOXY) METHANE	1300U	DI-N-BUTYLPHTHALATE
1300U	2,4-DICHLOROPHENOL	380J	FLUORANTHENE
1300U	1',2,4-TRICHLOROBENZENE	410J	PYRENE
1300U	NAPHTHALENE	1300U	BENZYL BUTYL PHTHALATE
1300U	4-CHLOROANILINE	2700U	3,3'-DICHLOROBENZIDINE
1300U	HEXAChLOROBUTADIENE	320J	BENZO(A)ANTHRACENE
1300U	4-CHLORO-3-METHYLPHENOL	390J	CHRYSENE
1300U	2-METHYLNAPHTHALENE	1300U	BIS(2-ETHYLHEXYL) PHTHALATE
1300U	HEXAChLOROCYCLOPENTADIENE (HCCP)	11000	DI-N-OCTYLPHTHALATE
1300U	2,4,6-TRICHLOROPHENOL	1300U	BENZO(B AND/OR K)FLUORANTHENE
6500U	2,4,5-TRICHLOROPHENOL	1300U	BENZO-A-PYRENE
1300U	2-CHLORONAPHTHALENE	1300U	INDENO (1,2,3-CD) PYRENE
6500U	2-NITROANILINE	1300U	DIBENZO(A,H)ANTHRACENE
1300UR	DIMETHYL PHTHALATE	1300U	BENZO(GHI)PERYLENE
1300U	ACENAPHTHYLENE	2	PERCENT MOISTURE
1300U	2,6-DINITROTOLUENE		

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

EXTRACTABLE ORGANICS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47944 SAMPLE TYPE: SOIL
** SOURCE: HAYWOOD COUNTY LDFL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
** STATION ID: SS06 CITY: WAYNESVILLE ST: NC
**
** COLLECTION START: 06/28/90 1310 STOP: 00/00/00
**
**

** CASE NO.: 14391

SAS NO.:

D. NO.: X157

UG/KG ANALYTICAL RESULTS UG/KG ANALYTICAL RESULTS

61OU	PHENOL	3000U	3-NITROANILINE
61OUR	BIS(2-CHLOROETHYL) ETHER	61OUJ	ACENAPHTHENE
61OU	2-CHLOROPHENOL	3000U	2,4-DINITROPHENOL
61OU	1,3-DICHLOROBENZENE	3000U	4-NITROPHENOL
61OU	1,4-DICHLOROBENZENE	61OU	DIBENZOFURAN
61OU	BENZYL ALCOHOL	61OU	2,4-DINITROTOLUENE
61OU	1,2-DICHLOROBENZENE	61OU	DIETHYL PHTHALATE
61OU	2-METHYLPHENOL	61OU	4-CHLOROPHENYL PHENYL ETHER
61OU	BIS(2-CHLOROISOPROPYL) ETHER	61OU	FLUORENE
61OU	(3-AND/OR 4)-METHYLPHENOL	3000U	4-NITROANILINE
61OU	N-NITROSODI-N-PROPYLAMINE	3000U	2-METHYL-4,6-DINITROPHENOL
61OUR	HEXACHLOROETHANE	61OU	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
61OU	NITROBENZENE	61OU	4-BROMOPHENYL PHENYL ETHER
61OU	ISOPHORONE	61OU	HEXACHLOROBENZENE (HCB)
61OU	2-NITROPHENOL	3000U	PENTACHLOROPHENOL
61OU	2,4-DIMETHYLPHENOL	61OU	PHENANTHRENE
3000U	BENZOIC ACID	61OU	ANTHRACENE
61OU	BIS(2-CHLOROETHOXY) METHANE	61OU	DI-N-BUTYLPHTHALATE
61OU	2,4-DICHLOROPHENOL	61OU	FLUORANTHENE
61OU	1,2,4-TRICHLOROBENZENE	61OU	PYRENE
61OU	NAPHTHALENE	61OU	BENZYL BUTYL PHTHALATE
61OU	4-CHLOROANILINE	1200U	3,3'-DICHLOROBENZIDINE
61OU	HEXACHLOROBUTADIENE	61OU	BENZO(A)ANTHRACENE
61OU	4-CHLORO-3-METHYLPHENOL	61OU	CHRYSENE
61OU	2-METHYLNAPHTHALENE	61OU	BIS(2-ETHYLHEXYL) PHTHALATE
61OU	HEXACHLOROCYCLOPENTADIENE (HCCP)	61OU	DI-N-OCTYLPHTHALATE
61OU	2,4,6-TRICHLOROPHENOL	61OU	BENZO(B AND/OR K)FLUORANTHENE
3000U	2,4,5-TRICHLOROPHENOL	61OU	BENZO-A-PYRENE
61OU	2-CHLORONAPHTHALENE	61OU	INDENO (1,2,3-CD) PYRENE
3000U	2-NITROANILINE	61OU	DIBENZO(A,H)ANTHRACENE
61OUR	DIMETHYL PHTHALATE	61OU	BENZO(GHI)PERYLENE
61OU	ACENAPHTHYLENE	46	PERCENT MOISTURE
61OU	2,6-DINITROTOLUENE		

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47924 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
*** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
*** STATION ID: SS01 COLLECTION START: 06/27/90 1045 STOP: 00/00/00
*** CASE NO.: 14391 SAS NO.: D. NO.: X141 MD NO: X141

ANALYTICAL RESULTS UG/KG

20000J 10 UNIDENTIFIED COMPOUNDS
700JN HEXADECANOIC ACID

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47927 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC **
** STATION ID: SS02 COLLECTION START: 06/27/90 1155 STOP: 00/00/00 **
** CASE NO.: 14391 SAS NO.: D. NO.: X144 MD NO.: X144 **

ANALYTICAL RESULTS UG/KG

3000J 2 UNIDENTIFIED COMPOUNDS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47930 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
** SOURCE: CITY: WAYNESVILL ST: NC **
** STATION ID: SD01 COLLECTION START: 06/27/90 1225 STOP: 00/00/00 **
** CASE NO.: 14391 SAS NO.: D. NO.: X147 MD NO.: X147 **
**

ANALYTICAL RESULTS UG/KG

7000J 3 UNIDENTIFIED COMPOUNDS
1000JN HEXADECANOIC ACID
400JN OCTADECANOIC ACID

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.**

08/30/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47931 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
** STATION ID: SD03 COLLECTION START: 06/27/90 1235 STOP: 00/00/00
** CASE NO.: 14391 SAS NO.: D. NO.: X148 MD NO.: X148

ANALYTICAL RESULTS UG/KG

200JN METHYLETHYLIDENE BISPHENOL
300JN PHOSPHORIC ACID, TRIPHENYLESTER
200JN ETHYLHEXANOIC ACID
100000J 5 UNIDENTIFIED COMPOUNDS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47932 SAMPLE TYPE:
** SOURCE:
** STATION ID: SS03
** CASE NO.: 14391 SAS NO.:

PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
CITY: WAYNESVILLE ST: NC
COLLECTION START: 06/27/90 1355 STOP: 00/00/00
D. NO.: X149 MD NO: X149

ANALYTICAL RESULTS UG/KG

1000J 2 UNIDENTIFIED COMPOUNDS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47933 SAMPLE TYPE: SURF.WATER PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
** STATION ID: SW02 COLLECTION START: 06/27/90 1420 STOP: 00/00/00
** CASE NO.: 14391 D. NO.: X150 MD NO: X150

ANALYTICAL RESULTS UG/L

50JN HEXADECANOIC ACID
500J 4 UNIDENTIFIED COMPOUNDS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47934 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
** STATION ID: SDO2 COLLECTION START: 06/27/90 1425 STOP: 00/00/00
** CASE NO.: 14391 SAS NU.: D. NO.: X151 MD NO: X151

ANALYTICAL RESULTS UG/KG

6000J 6 UNIDENTIFIED COMPOUNDS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47935 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
*** SOURCE: CITY: WAYNESVILLE ST: NC
*** STATION ID: SB03 COLLECTION START: 06/27/90 1520 STOP: 00/00/00
*** CASE.NO.: 14391 SAS NO.: D. NO.: X152 MD NO.: X152

ANALYTICAL RESULTS UG/KG

1000J 2 UNIDENTIFIED COMPOUNDS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47941 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
** STATION ID: S504 COLLECTION START: 06/28/90 1020 STOP: 00/00/00
** CASE NO.: 14391 SAS NO.: D. NO.: X154 MD NO: X154

ANALYTICAL RESULTS UG/KG

600J 1 UNIDENTIFIED COMPOUND

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47943 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC **
** STATION ID: SS05 COLLECTION START: 06/28/90 1300 STOP: 00/00/00 **
** CASE NO.: 14391 SAS NO.: D. NO.: X156 MD NO.: X156 **

ANALYTICAL RESULTS UG/KG

20000JN BENZENEDICARBOXYLIC ACID, DIHEPTYLESTER
(2 ISOMERS)
10000JN BENZENEDICARBOXYLIC ACID, DIISONONYLESTER -
(2 ISOMERS)
70000J 13 UNIDENTIFIED COMPOUNDS
6000JN BENZENEDICARBOXYLIC ACID, DIISOCTYLESTER

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/30/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47944 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC **
** STATION ID: SS06 COLLECTION START: 06/28/90 1310 STOP: 00/00/00 **
** CASE NO.: 14391 SAS NO.: D. NO.: X157 MD NO: X157 **
**

ANALYTICAL RESULTS UG/KG

7000J 7 UNIDENTIFIED COMPOUNDS
2000JN HEXADECANOIC ACIDS

EXPLANATIONS

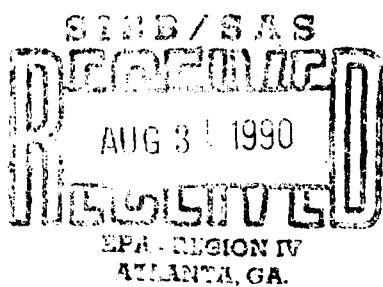
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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Superfund Site 1, 2

NCN 98121741190

SITE HAYWOOD COUNTY LANDFILL (PIT) STATE NC
PROJECT # 90-540 MANAGER ROGER FRANKLIN (ANUSO)
SHIPWEEK 06/25/90

SOCILVUA BOOKED	18	DATA RECEIVED	/ /	FOR	0	SAMPLES
FLZOVOVA BOOKED	10	DATA RECEIVED	/ /	FOR	0	SAMPLES
SOILEXTE BOOKED	18	DATA RECEIVED	/ /	FOR	0	SAMPLES
HACDEXV BOOKED	10	DATA RECEIVED	/ /	FOR	0	SAMPLES
SCILPEST BOOKED	18	DATA RECEIVED	/ /	FOR	0	SAMPLES
MROPEST BOOKED	10	DATA RECEIVED	/ /	FOR	0	SAMPLES
SOILNET BOOKED	18	DATA RECEIVED	08/29/90	FOR	10	SAMPLES
SOILNET BOOKED	10	DATA RECEIVED	08/29/90	FOR	5	SAMPLES
SULZON BOOKED	18	DATA RECEIVED	08/29/90	FOR	15	SAMPLES
ALCOON BOOKED	10	DATA RECEIVED	08/29/90	FOR	5	SAMPLES
SULZTHA BOOKED	0	DATA RECEIVED	/ /	FOR	0	SAMPLES
SULZTHA BOOKED	0	DATA RECEIVED	/ /	FOR	0	SAMPLES
SLDOTHIA BOOKED	0	DATA RECEIVED	/ /	FOR	0	SAMPLES
SLDOTHIA BOOKED	0	DATA RECEIVED	/ /	FOR	0	SAMPLES
OTRERI BOOKED	0	DATA RECEIVED	/ /	FOR	0	SAMPLES
OTRERI BOOKED	0	DATA RECEIVED	/ /	FOR	0	SAMPLES
CV REQUESTED	0					
LINE CERT/EQDP	CLP					



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV
COLLEGE STATION RD.
ATHENS, GA. 30613

8386 / S.A.S.

RECEIVED

AUG 31 1990

RECORDED

EPA - REGION IV
ATLANTA, GA

*****MEMORANDUM*****

DATE: 08/22/90

SUBJECT: Results of Metals Analysis;
90-540 HAYWOOD COUNTY LDFL
WAYNESVILLE NC
CASE NO: 14391

FROM: Robert W. Knight
Chief, Laboratory Evaluation/Quality Assurance Section

TO: PHIL BLACKWELL

Attached are the results of analysis of samples collected as part of the subject project.

If you have any questions please contact me.

ATTACHMENT

**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.**

08/21/90

METALS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47924 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
** SOURCE: WAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
** STATION ID: SS01 COLLECTION START: 06/27/90 1045 STOP: 00/00/00
** CASE NUMBER: 14391 SAS NUMBER: MD NUMBER: X141

MG/KG	ANALYTICAL RESULTS	MG/KG	ANAL
32000	ALUMINUM	710	MANGANESE
7UJ	ANTIMONY	0.12UR	MERCURY
1UJ	ARSENIC	17	NICKEL
220	BARIUM	2000J	POTASSIUM
2	BERYLLIUM	7U	SELENIUM
1.2U	CADMIUM	4.6JN	SILVER
950UJ	CALCIUM	50	SODIUM
68	CHROMIUM	1U	THALLIUM
36	COBALT	NA	TIN
41	COPPER	95J	VANADIUM
58000J	IRON	130J	ZINC
20	LEAD	19	PERCENT MOISTURE
3600J	MAGNESIUM		

REMARKS

REMARKS

FOOTNOTES

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**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.**

08/21/90

METALS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47925 SAMPLE TYPE: GRNDWATER PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
*** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
*** STATION ID: SP01 COLLECTION START: 06/27/90 1050 STOP: 00/00/00
*** CASE NUMBER: 14391 MD NUMBER: X142

II.G/I ANALYTICAL RESULTS

680	ALUMINUM
20U	ANTIMONY
2U	ARSENIC
50U	BARIUM
1U	BERYLLIUM
5U	CADMIUM
4000U	CALCIUM
7U	CHROMIUM
4U	COBALT
6U	COPPER
950	IRON
17J	LEAD
1100J	MAGNESIUM

UG/L ANALYTICAL RESULTS

25	MANGANESE
0	MERCURY
20U	NICKEL
20U	POTASSIUM
1100U	SELENIUM
3U	SILVER
3U	SODIUM
3400	THALLIUM
1U	TIN
NA	VANADIUM
2U	ZINC
3U	

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

METALS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47926 SAMPLE TYPE: SOIL
 ** SOURCE: HAYWOOD COUNTY LDFL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
 ** STATION ID: SB01 CITY: WAYNESVILLE ST: NC **
 ** CASE NUMBER: 14391 COLLECTION START: 06/27/90 1055 STOP: 00/00/00 **
 ** MD NUMBER: X143 **
 **

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
41000	ALUMINUM	700	MANGANESE
6UJ	ANTIMONY	0.1OUR	MERCURY
1UJ	ARSENIC	38	NICKEL
650	BARIUM	8600J	POTASSIUM
4.2	BERYLLIUM	0.67UJ	SELENIUM
0.82U	CADMIUM	3.8JN	SILVER
180UJ	CALCIUM	140	SODIUM
110	CHROMIUM	1U	THALLIUM
43	COBALT	NA	TIN
16	COPPER	100J	VANADIUM
50000J	IRON	190J	ZINC
8.6	LEAD	12	PERCENT MOISTURE
12000J	MAGNESIUM		

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

METALS DATA REPORT

ANALYTICAL RESULTS		ANALYTICAL RESULTS	
MG/KG		MG/KG	
16000	ALUMINUM	420	MANGANESE
3.9UR	ANTIMONY	0.1OUR	MERCURY
0.38UR	ARSENIC	13	NICKEL
130	BARIUM	5300J	POTASSIUM
1.7	BERYLLIUM	5.7U	SELENIUM
0.96U	CADMIUM	2.9JN	SILVER
230UJ	CALCIUM	68	SODIUM
41	CHROMIUM	1U	THALLIUM
18	COBALT	NA	TIN
18	COPPER	49J	VANADIUM
31000J	IRON	86J	ZINC
6.4	LEAD	09	PERCENT MOISTURE
4800J	MAGNESIUM		

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

METALS DATA REPORT

 ** PROJECT NO. 90-540 SAMPLE NO. 47928 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
 ** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC **
 ** STATION ID: SB02 COLLECTION START: 06/27/90 1215 STOP: 00/00/00 **
 ** CASE NUMBER: 14391 SAS NUMBER: MD NUMBER: X145 **
 **

MG/KG	ANALYTICAL RESULTS
30000	ALUMINUM
4.5UR	ANTIMONY
0.48UR	ARSENIC
210	BARIUM
1.7	BERYLLIUM
1.1U	CADMIUM
320U	CALCIUM
31	CHROMIUM
21	COBALT
23	COPPER
33000J	IRON
10	LEAD
4800J	MAGNESIUM

MG/KG	ANALYTICAL RESULTS
510	MANGANESE
0.11UR	MERCURY
22	NICKEL
6100J	POTASSIUM
7.2U	SELENIUM
2.8JN	SILVER
77	SODIUM
0.24U	THALLIUM
NA	TIN
43J	VANADIUM
170J	ZINC
19	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS, GA.

08/21/90

METALS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47929 SAMPLE TYPE: SURF.WATER PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
** STATION ID: SW01 COLLECTION START: 06/27/90 1220 STOP: 00/00/00
** CASE NUMBER: 14391 SAS NUMBER: MD NUMBER: X146

640	ALUMINUM
20U	ANTIMONY
2U	ARSENIC
40U	BARIUM
1U	BERYLLIUM
5U	CADMIUM
5300U	CALCIUM
5U	CHROMIUM
4U	COBALT
6U	COPPER
1000	IRON
2UJ	LEAD
2000J	MAGNESIUM

UG/L ANALYTICAL RESULTS

61	MANGANESE
0.20U	MERCURY
20U	NICKEL
2800U	POTASSIUM
3U	SELENIUM
3U	SILVER
3400	SODIUM
1U	THALLIUM
NA	TIN
5U	VANADIUM
6U	ZINC

REMARKS

*****REMARKS*****

FOOTNOTES

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

METALS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47930 SAMPLE TYPE: SOIL
 ** SOURCE: HAYWOOD COUNTY LDFL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
 ** STATION ID: SDO1 CITY: WAYNESVILLE ST: NC
 ** CASE NUMBER: 14391 COLLECTION START: 06/27/90 1225 STOP: 00/00/00
 **
 ** MD NUMBER: X147
 **
 **

MG/KG ANALYTICAL RESULTS

11000	ALUMINUM
4.8UR	ANTIMONY
0.66UR	ARSENIC
120	BARIUM
1U	BERYLLIUM
1.2U	CADMIUM
73DUJ	CALCIUM
46	CHROMIUM
9.8	COBALT
14	COPPER
20000J	IRON
3.9	LEAD
3800J	MAGNESIUM

MG/KG ANALYTICAL RESULTS

300	MANGANESE
0.16UR	MERCURY
11	NICKEL
2900J	POTASSIUM
0.99U	SELENIUM
2U	SILVER
58	SODIUM
0.33U	THALLIUM
NA	TIN
41J	VANADIUM
47J	ZINC
44	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

METALS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47931 SAMPLE TYPE: SOIL
 ** SOURCE: HAYWOOD COUNTY LDFL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
 ** STATION ID: SD03 CITY: WAYNESVILLE ST: NC
 ** CASE NUMBER: 14391 COLLECTION START: 06/27/90 1235 STOP: 00/00/00
 **
 ** MD NUMBER: X148
 **

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
11000	ALUMINUM	250	MANGANESE
4UR	ANTIMONY	0.09UR	MERCURY
0.40UR	ARSENIC	10	NICKEL
140	BARIUM	5600J	POTASSIUM
1U	BERYLLIUM	6U	SELENIUM
1U	CADMIUM	2U	SILVER
1400UJ	CALCIUM	92	SODIUM
25	CHROMIUM	0.20U	THALLIUM
11	COBALT	NA	TIN
27	COPPER	35J	VANADIUM
19000J	IRON	85J	ZINC
33	LEAD	03	PERCENT MOISTURE
5300J	MAGNESIUM		

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

METALS DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47932 SAMPLE TYPE: SOIL
** SOURCE: HAYWOOD COUNTY LDFL
** STATION ID: SS03
** CASE NUMBER: 14391 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
CITY: WAYNESVILLE ST: NC **
COLLECTION START: 06/27/90 1355 STOP: 00/00/00 **
MD NUMBER: X149 **

MG/KG	ANALYTICAL RESULTS
21000	ALUMINUM
4.3UR	ANTIMONY
0.44UR	ARSENIC
240	BARIUM
2.3	BERYLLIUM
1.1U	CADMIUM
220UJ	CALCIUM
59	CHROMIUM
25	COBALT
31	COPPER
36000J	IRON
8.8	LEAD
8800J	MAGNESIUM

MG/KG	ANALYTICAL RESULTS
790	MANGANESE
0.1OUR	MERCURY
25	NICKEL
8900J	POTASSIUM
6.5U	SELENIUM
2.8JN	SILVER
73	SODIUM
1U	THALLIUM
NA	TIN
75J	VANADIUM
120J	ZINC
10	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS, GA.

08/21/90

METALS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47933 SAMPLE TYPE: SURF.WATER PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
** STATION ID: SW02 COLLECTION START: 06/27/90 1420 STOP: 00/00/00
** CASE NUMBER: 14391 MD NUMBER: X150

1300	ALUMINUM
20U	ANTIMONY
2U	ARSENIC
130	BARIUM
1U	BERYLLIUM
5U	CADMUM
46000	CALCIUM
5U	CHROMIUM
7U	COBALT
6U	COPPER
3000	IRON
24J	LEAD
19000J	MAGNESIUM

UG/L ANALYTICAL RESULTS

2200	MANGANESE
0.20U	MERCURY
20U	NICKEL
14000	POTASSIUM
5U	SELENIUM
3U	SILVER
26000	SODIUM
2U	THALLIUM
NA	TIN
20U	VANADIUM
8U	ZINC

*****REMARKS*****

*****REMARKS*****

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

METALS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47934 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
 ** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
 ** STATION ID: SD02 COLLECTION START: 06/27/90 1425 STOP: 00/00/00
 ** CASE NUMBER: 14391 SAS NUMBER: MD NUMBER: X151
 **

MG/KG ANALYTICAL RESULTS

30000	ALUMINUM
8UJ	ANTIMONY
0.69UR	ARSENIC
340	BARIUM
2.8	BERYLLIUM
1.8U	CADMIUM
1300UJ	CALCIUM
69	CHROMIUM
28	COBALT
41	COPPER
50000J	IRON
20	LEAD
12000J	MAGNESIUM

MG/KG ANALYTICAL RESULTS

570	MANGANESE
0.17UR	MERCURY
29	NICKEL
13000J	POTASSIUM
20U	SELENIUM
4.4JN	SILVER
180	SODIUM
1U	THALLIUM
NA	TIN
95J	VANADIUM
190J	ZINC
49	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

METALS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47935 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
 ** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
 ** STATION ID: SB03 COLLECTION START: 06/27/90 1520 STOP: 00/00/00
 ** CASE NUMBER: 14391 MD NUMBER: X152
 **

MG/KG	ANALYTICAL RESULTS
33000	ALUMINUM
3.6UR	ANTIMONY
1UJ	ARSENIC
240	BARIUM
2.3	BERYLLIUM
0.91U	CADMIUM
180UJ	CALCIUM
41	CHROMIUM
36	COBALT
42	COPPER
50000J	IRON
8	LEAD
8000J	MAGNESIUM

MG/KG	ANALYTICAL RESULTS
480	MANGANESE
0.1OUR	MERCURY
24	NICKEL
9500J	POTASSIUM
6.4U	SELENIUM
4.2JN	SILVER
83	SODIUM
1U	THALLIUM
NA	TIN
63J	VANADIUM
120J	ZINC
14	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

METALS DATA REPORT

 ** PROJECT NO. 90-540 SAMPLE NO. 47936 SAMPLE TYPE: GRNDWATER PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
 ** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC **
 ** STATION ID: PW01 COLLECTION START: 06/27/90 1625 STOP: 00/00/00 **
 ** CASE NUMBER: 14391 MD NUMBER: X153 **
 **

 UG/L ANALYTICAL RESULTS UG/L ANALYTICAL RESULTS

32U	ALUMINUM	2U	MANGANESE
20U	ANTIMONY	0.20U	MERCURY
2U	ARSENIC	20U	NICKEL
20U	BARIUM	1300U	POTASSIUM
1U	BERYLLIUM	3U	SELENIUM
5U	CADMIUM	3U	SILVER
6700	CALCIUM	3400	SODIUM
5U	CHROMIUM	1U	THALLIUM
3U	COBALT	NA	TIN
16	COPPER	4U	VANADIUM
49U	IRON	20U	ZINC
2UJ	LEAD		
2900J	MAGNESIUM		

REMARKS

REMARKS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS, GA.

08/21/90

METALS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47941 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
** STATION ID: SS04 COLLECTION START: 06/28/90 1020 STOP: 00/00/00
** CASE NUMBER: 14391 MD NUMBER: X154

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALY
19000	ALUMINUM	600	MANGANESE
4.1UR	ANTIMONY	0.1OUR	MERCURY
0.37UR	ARSENIC	17	NICKEL
170	BARIUM	6100J	POTASSIUM
1.6	BERYLLIUM	0.56U	SELENIUM
1U	CADMIUM	2.8JN	SILVER
260UJ	CALCIUM	55	SODIUM
47	CHROMIUM	0.19U	THALLIUM
22	COBALT	NA	TIN
24	COPPER	59J	VANADIUM
37000J	IRON	88J	ZINC
9.7	LEAD	03	PFRCENT MOISTURE
5200J	MAGNESIUM		

RFMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

METALS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47942 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
** STATION ID: SB04 COLLECTION START: 06/28/90 1040 STOP: 00/00/00
** CASE NUMBER: 14391 MD NUMBER: X155

* * * * * MG/KG	ANALYTICAL RESULTS	* * * * * MG/KG	ANALYTICAL RESULTS
41000	ALUMINUM	180	MANGANESE
4.5UR	ANTIMONY	0.17J	MERCURY
1.7UR	ARSENIC	9.3	NICKEL
51	BARIUM	430UJ	POTASSIUM
1U	BERYLLIUM	0.51U	SELENIUM
1.1U	CADMIUM	3JN	SILVER
180UJ	CALCIUM	30U	SODIUM
37	CHROMIUM	0.17U	THALLIUM
4.4	COBALT	NA	TIN
21	COPPER	50J	VANADIUM
36000J	IRON	30UJ	ZINC
8.2	LEAD	17	PERCENT MOISTURE
570	MAGNESIUM		

*****REMARKS*****

RFMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

METALS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47943 SAMPLE TYPE: SOIL
** SOURCE: HAYWOOD COUNTY LDFL
** STATION ID: SS05
** CASE NUMBER: 14391 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
CITY: WAYNESVILLE ST: NC
COLLECTION START: 06/28/90 1300 STOP: 00/00/00
MD NUMBER: X156

MG/KG	ANALYTICAL RESULTS
15000	ALUMINUM
3.8UR	ANTIMONY
2UR	ARSENIC
270	BARIUM
1.3	BERYLLIUM
2.7	CADMUM
26000J	CALCIUM
38	CHROMIUM
14	COBALT
70	COPPER
28000J	IRON
28	LEAD
6700J	MAGNESIUM

MG/KG	ANALYTICAL RESULTS
570	MANGANESE
0.10UR	MERCURY
24	NICKEL
5700J	POTASSIUM
0.60U	SELENIUM
2.3JN	SILVER
1300	SODIUM
0.20U	THALLIUM
NA	TIN
74J	VANADIUM
5500J	ZINC
02	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

METALS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47944 SAMPLE TYPE: SOIL
 ** SOURCE: HAYWOOD COUNTY LDFL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
 ** STATION ID: SS06 CITY: WAYNESVILLE ST: NC **
 ** CASE NUMBER: 14391 COLLECTION START: 06/28/90 1310 STOP: 00/00/00 **
 ** MD NUMBER: X15? **
 **

*** MG/KG ANALYTICAL RESULTS

21000	ALUMINUM
7.3UR	ANTIMONY
0.51UR	ARSENIC
260	BARIUM
3.4	BERYLLIUM
1.8U	CADMIUM
780UJ	CALCIUM
110	CHROMIUM
34	COBALT
50	COPPER
120000J	IRON
8.2	LEAD
5700J	MAGNESIUM

*** MG/KG ANALYTICAL RESULTS

960	MANGANESE
0.17UR	MERCURY
31	NICKEL
5100J	POTASSIUM
3.8U	SELENIUM
11JN	SILVER
390	SODIUM
1U	THALLIUM
NA	TIN
130J	VANADIUM
10000J	ZINC
47	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

METALS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47945 SAMPLE TYPE: PRESBLANK PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
*** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
*** STATION ID: PB01 PRESERVATIVE BLANK COLLECTION START: 06/27/90 0700 STOP: 00/00/00
*** CASE NUMBER: 14391 SAS NUMBER: MD NUMBER: X140

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
32U	ALUMINUM	2U	MANGANESE
20U	ANTIMONY	0.20U	MERCURY
2U	ARSENIC	20U	NICKEL
2U	BARIUM	610U	POTASSIUM
1U	BERYLLIUM	3U	SELENIUM
5U	CADMIUM	3U	SILVER
8U	CALCIUM	110U	SODIUM
5U	CHROMIUM	1U	THALLIUM
4U	COBALT	NA	TIN
6U	COPPER	2U	VANADIUM
49U	IRON	3U	ZINC
4J	LEAD		
540UR	MAGNESIUM		

*****REMARKS*****

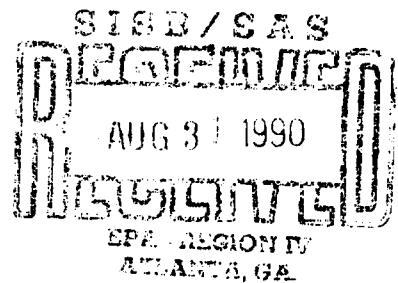
*****REMARKS*****

FOOTNOTES

*FOOTNOTES--
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV
COLLEGE STATION RD.
ATHENS, GA. 30613



*****MEMORANDUM*****

DATE: 08/22/90

SUBJECT: Results of Specified Analysis;
90-540 HAYWOOD COUNTY LDFL
WAYNESVILLE NC
CASE NO: 14391

FROM: Robert W. Knight
Chief, Laboratory Evaluation/Quality Assurance Section

TO: PHIL BLACKWELL

Attached are the results of analysis of samples collected as part of
the subject project.

If you have any questions please contact me.

ATTACHMENT

CC:

**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.**

08/21/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47924 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
** STATION ID: SS01 COLLECTION START: 06/27/90 1045 STOP: 00/00/00
** CASE.NO.: 14391 SAS NO.: D. NO.: X141 MD NO: X141

RESULTS UNITS PARAMETER
0.62U MG/KG CYANIDE

FOOTNOTES

*AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.**

08/21/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47925 SAMPLE TYPE: GRNDWATER PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
*** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
*** STATION ID: SP01 COLLECTION START: 06/27/90 1050 STOP: 00/00/00
*** CASE NO.: 14391 SAS NO.: D. NO.: X142 MD NO.: X142

RESULTS UNITS PARAMETER
10U UG/L CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47926 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
*** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
*** STATION ID: SB01 COLLECTION START: 06/27/90 1055 STOP. 00/00/00
*** CASE NO.: 14391 SAS NO.: D. NO.: X143 MD NO: X143

RESULTS UNITS PARAMETER
0.56U MG/KG CYANIDE

FOOTNOTES

*FOOTNOTES**
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47925 SAMPLE TYPE: GRNDWATER PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC **
** STATION ID: SP01 COLLECTION START: 06/27/90 1050 STOP: 00/00/00 **
** CASE NO.: 14391 SAS NO.: D. NO.: X142 MD NO: X142 **
**

RESULTS UNITS PARAMETER
100 UG/L CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47926 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS ***
*** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC ***
*** STATION ID: SB01 COLLECTION START: 06/27/90 1055 STOP: 00/00/00 ***
*** CASE NO.: 14391 SAS NO.: D. NO.: X143 MD NO: X143 ***

RESULTS UNITS PARAMETER
0.56U MG/KG CYANIDE

FOOTNOTES

*FOOTNOTES**
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

SPECIFIED ANALYSIS DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47927 SAMPLE TYPE: SOIL **
** SOURCE: HAYWOOD COUNTY LDFL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
** STATION ID: SS02 CITY: WAYNESVILLE ST: NC **
** CASE NO.: 14391 SAS NO.: COLLECTION START: 06/27/90 1155 STOP: 00/00/00 **
** D. NO.: X144 MD NO.: X144 **

RESULTS UNITS PARAMETER
0.550 MG/KG CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47928 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
*** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
*** STATION ID: SB02 COLLECTION START: 06/27/90 1215 STOP: 00/00/00
*** CASE NO.: 14391 SAS NO.: D. NO.: X145 MD NO.: X145

RESULTS UNITS PARAMETER

FOOTNOTES

*FOOTNOTES**
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.**

08/21/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47929 SAMPLE TYPE: SURF.WATER PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
*** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
*** STATION ID: SW01 COLLECTION START: 06/27/90 1220 STOP: 00/00/0
*** CASE NO.: 14391 SAS NO.: D. NO.: X146 MD NO.: X146

RESULTS UNITS PARAMETER
10U UG/L CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-REGION IV ESD, ATHENS, GA.

08/21/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47930 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
*** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
*** STATION ID: SD01 COLLECTION START: 06/27/90 1225 STOP: 00/00/00
*** CASE NO.: 14391 SAS NO.: D. NO.: X147 MD NO: X147

RESULTS UNITS PARAMETER
0.88U MG/KG CYANIDE

FOOTNOTES

*FOOTNOTES**
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.**

08/21/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47931 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
*** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
*** STATION ID: SD03 COLLECTION START: 06/27/90 1235 STOP: 00/00/00
*** CASE NO.: 14391 SAS NO.: D. NO.: X148 MD NO.: X148

RESULTS UNITS PARAMETER
0.52U MG/KG CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

SPECIFIED ANALYSIS DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47932 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILL ST: NC **
** STATION ID: SS03 COLLECTION START: 06/27/90 1355 STOP: 00/00/00 **
** CASE NO.: 14391 SAS NO.: D. NO.: X149 MD NO.: X149 **
**

RESULTS UNITS PARAMETER
0.56U MG/KG CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47933 SAMPLE TYPE: SURF.WATER PROG ELEM: NSF COLLECTED BY: JOHN JENKINS ***
*** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC ***
*** STATION ID: SW02 COLLECTION START: 06/27/90 1420 STOP: 00/00/00 ***
*** CASE NO.: 14391 SAS NO.: D. NO.: X150 MD NO: X150 ***

RESULTS UNITS PARAMETER
10U UG/L CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

SPECIFIED ANALYSIS DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47934 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC **
** STATION ID: SD02 COLLECTION START: 06/27/90 1425 STOP: 00/00/00 **
** CASE NO.: 14391 SAS NO.: D. NO.: X151 MD NO: X151 **
**

RESULTS UNITS PARAMETER
0.98U MG/KG CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

SPECIFIED ANALYSIS DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47935 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC **
** STATION ID: SB03 COLLECTION START: 06/27/90 1520 STOP: 00/00/00 **
** CASE NO.: 14391 SAS NU.: D. NO.: X152 MD NO: X152 **
**

RESULTS UNITS PARAMETER
0.58U MG/KG CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47936 SAMPLE TYPE: GRNDWATER PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILL ST: NC **
** STATION ID: PW01 COLLECTION START: 06/27/90 1625 STOP: 00/00/00 **
** CASE NO.: 14391 SAS NO.: D. NO.: X153 MD NO.: X153 **

RESULTS UNITS PARAMETER
10U UG/L CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

SPECIFIED ANALYSIS DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47941 SAMPLE TYPE: SOIL ** PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC **
** STATION ID: S504 COLLECTION START: 06/28/90 1020 STOP: 00/00/00 **
** CASE NO.: 14391 SAS NO.: D. NO.: X154 MD NO.: X154 **

RESULTS UNITS PARAMETER
0.52U MG/KG CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.**

08/21/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47942 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
*** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
*** STATION ID: SB04 COLLECTION START: 06/28/90 1040 STOP: 00/00/00
*** CASE NO.: 14391 SAS NO.: D. NO.: X155 MD NO: X155

RESULTS UNITS PARAMETER
0.60U MG/KG CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

SPECIFIED ANALYSIS DATA REPORT

** PROJECT NO. 90-540 SAMPLE NO. 47943 SAMPLE TYPE: SOIL ** PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC **
** STATION ID: SS05 COLLECTION START: 06/28/90 1300 STOP: 00/00/00 **
** CASE NO.: 14391 SAS NO.: D. NO.: X156 MD NO.: X156 **
**

RESULTS UNITS PARAMETER
0.51U MG/KG CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS, GA.

08/21/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47944 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: JOHN JENKINS
*** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC
*** STATION ID: SS06 COLLECTION START: 06/28/90 1310 STOP: 00/00/00
*** CASE NO.: 14391 SAS NO.: D. NO.: X157 MD NO: X157

RESULTS UNITS PARAMETER

FOOTNOTES

*FOOTNOTES**
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/90

SPECIFIED ANALYSIS DATA REPORT

*** PROJECT NO. 90-540 SAMPLE NO. 47945 SAMPLE TYPE: PRESBLANK PROG ELEM: NSF COLLECTED BY: JOHN JENKINS **
** SOURCE: HAYWOOD COUNTY LDFL CITY: WAYNESVILLE ST: NC **
** STATION ID: PB01 PRESERVATIVE BLANK COLLECTION START: 06/27/90 0700 STOP: 06/00/00 **
** CASE NO.: 14391 SAS NO.: D. NO.: MD NO: X140 **
**

RESULTS UNITS PARAMETER
10U UG/L CYANIDE

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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ACCESS INFORMATION SHEET

Site Name:	<u>Haywood County Landfill</u>	FiT Project Manager:	<u>John Jenkins</u>
Site Address:	<u>FRANCIS Farm Road (SR1802)</u>	FiT State Coordinator:	<u>Joan Dupont</u>
	<u>WAYNESVILLE, Haywood County,</u>	EPA Contact:	<u>Denise Bland</u>
	<u>North Carolina , 28786</u>	Field Date:	<u>Week of June 25, 1990</u>
EPA ID #:	<u>NCD981474190</u>	TDD Number:	<u>F4 - 9004-72</u>

Facility Owner/Operator Address Phone No. Principal Contact	File Information	Verification
	HAYWOOD COUNTY Bd. OF COMMISSIONERS HAYWOOD COUNTY COURTHOUSE WAYNESVILLE, NC 28786 (704) 452-6625 Mr. Teddy Rogers	See attached Telecon
Landowner Address Phone No. Principal Contact (if different from above)	HAYWOOD COUNTY BOARD OF COMMISSIONERS (SAME AS ABOVE) Landowner of surrounding property Jim H. FRANCIS 60 Asheville Road Waynesville, NC 28786 or (704) - 456-5253 452-0522	↓
Date of Information		4/17/90

Date Access Required (3 weeks prior to field date)	<u>6/4/90</u>	Date Information Submitted to EPA	<u>4/18/90</u>
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Comments:

NUS CORPORATION AND SUBSIDIARIES

TELECON NOTE

CONTROL NO:	DATE:	TIME:
	4-17-90	1315

DISTRIBUTION:

BETWEEN:	OF: Haywood County Board of Commissioners	PHONE:
Gwen Chambers		(704) 452-60625

AND:

John Jenkins

DISCUSSION:
Ms. Chambers stated that the county owned the property designated as the Haywood County Landfill. She also stated that any matters concerning the landfill would be handled by Mr. Teddy Rogers, City Manager & Chairman of the Haywood County Board of Commissioners. Mr. Rogers can be reached at (704) 452-60625. I inquired about Mr. Jim H. Francis & she stated that he owned much of the land surrounding the landfill.

ACTION ITEMS:

NUS CORPORATION AND SUBSIDIARIES

TELECON NOTE

CONTROL NO:	DATE:	TIME:
F4-9004-72	May 25, 1990	10:30 a.m.

DISTRIBUTION:

. Haywood County Landfill

BETWEEN:	OF: Solid Waste Engineer, Waynesville, Haywood Co., NC;	PHONE:
Mack McKay		(704) 452-6625

AND:

Joandraport, NUS Corporation

DISCUSSION:

I initially tried reaching Mr. Teddy Rogers, City Manager, concerning site access for the Haywood County Landfill in Waynesville, Haywood County, N.C. Mr. Rogers was out of the office until Tuesday, so I was referred to Mr. McKay. Mr. McKay gave verbal access permission for the SSI, Phase II field sampling scheduled for the week of June 25, 1990. He said that the county has collected samples recently from the landfill, including onsite monitoring wells (January), surface water (February), and soils (April). He offered us access to those data records. Mr. McKay also wondered why we are sampling the landfill, and whether it was related to the Benfield site in Haywood County. I explained our general procedures under Superfund.

ACTION ITEMS:

Mr. McKay said that the county recently purchased the landfill property from the Jim Francis family.

**NUS CORPORATION
SUPERFUND DIVISION**

INTERNAL CORRESPONDENCE

TO: Denise Bland
FROM: Joan Duport
SUBJECT: Carolina Rubber Hose (NCD003218492) and
High Point City Landfill (NCD980557565)

DATE: April 18, 1990
COPIES:

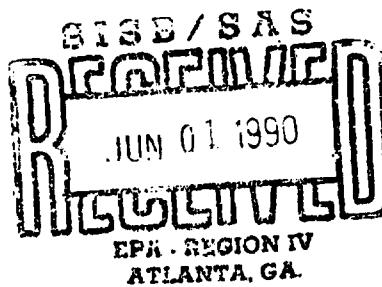
- ① Carolina Rubber Hose (Rowan County, N.C.) is scheduled for SSI, Phase II field sampling during the week of May 28, 1990. The access information form that I sent to you on March 19, 1990 had the wrong TTD number. F4 - 8905-23 was closed out upon completion of Phase I. The new TTD number for Phase II is F4 - 9004-69.
- ② High Point City Landfill (Guilford County, N.C.) was recommended for SSI, Phase II, high priority, on June 27, 1989. We still have not received a site disposition letter for this site. (We did receive letters for the other old sites that you and I had talked about.) ← ck on
- ③ When you send out site access letters to project managers for North Carolina sites, I would appreciate your sending one to me, also. That would help me with my tracking system for North Carolina sites.

Thank you.

RECORD OF COMMUNICATION		<input checked="" type="checkbox"/> PHONE CALL <input type="checkbox"/> DISCUSSION <input type="checkbox"/> FIELD TRIP <input type="checkbox"/> CONFERENCE <input type="checkbox"/> OTHER (SPECIFY) _____
(Record of item checked above)		
TO: Dan Lovingsood (615 - 691 - 5052)	FROM: Cathy Amoroso	DATE 8/20/91
SUBJECT GE - Black & Decker - ashwood, NC		TIME 2:15
SUMMARY OF COMMUNICATION		
<p>Dan L. - consultant for GE.</p> <p>Has comments regarding the SI on the site which was prepared by NUS. Will put comments in writing & send them to me.</p> <p>I told him we haven't reviewed the report yet & that most likely it will need a rHRS score since the ST do was done in April '91 & therefore has no score.</p> <p>He will send me his comments.</p> <p>Also - wants to know how the site was discovered.</p>		
CONCLUSIONS, ACTION TAKEN OR REQUIRED		
INFORMATION COPIES		
TO:		



1927 LAKESIDE PARKWAY
SUITE 614
TUCKER, GEORGIA 30084
404-938-7710



C-586-5-0-247

May 30, 1990

Mr. A.R. Hanke
Site Investigation and Support Branch
Waste Management Division
Environmental Protection Agency
345 Courtland Street, N. E.
Atlanta, Georgia 30365

Subject: Site Screening Study Plan
Revision 1
General Electric Co. NC 00323437
Asheboro, Randolph County, North Carolina
TDD No. F4-9004-67

Dear Mr. Hanke:

Enclosed please find one (1) copy of the Site Screening Study Plan, Revision 1, for General Electric Co. located in Asheboro, Randolph County, North Carolina.

Very truly yours,

A handwritten signature in black ink, appearing to read "Greg Thomas".

Greg Thomas
Project Manager

Approved:

A handwritten signature in black ink, appearing to read "Roger Franklin".

GT/gwn

Enclosure (1)

STUDY PLAN
SCREENING SITE INSPECTION, PHASE II
GENERAL ELECTRIC CO./ASHEBORO
ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA
EPA ID #: NCD003236437

Prepared Under
TDD No. F4-9004-67
CONTRACT NO. 68-01-7346

Revision 1

FOR THE



WASTE MANAGEMENT DIVISION
U.S. ENVIRONMENTAL PROTECTION AGENCY

MAY 30, 1990

NUS CORPORATION
SUPERFUND DIVISION

Prepared By

Greg Thomas
Project Manager

Reviewed By

Roger Franklin
Assistant Regional
Project Manager

Approved By

Phil Blackwell
Regional Project Manager

NOTICE

The information in this document has been funded wholly by the United States Environmental Protection Agency (EPA) under Contract Number 68-01-7346 and is considered proprietary to the EPA.

This information is not to be released to third parties without the expressed or written consent of the EPA.

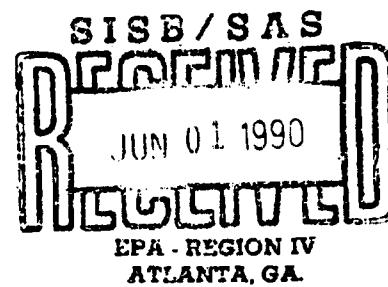


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**STUDY PLAN
SCREENING SITE INSPECTION, PHASE II
GENERAL ELECTRIC CO./ASHEBORO
ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA
EPA ID #NCD003236437
TDD NO. F4-9004-67**

1.0 INTRODUCTION

The NUS Corporation Region 4 Field Investigation Team (FIT) has been tasked by the U.S. Environmental Protection Agency (EPA), Waste Management Division to conduct a Screening Site Inspection (SSI) at the General Electric Co. facility in Randolph County, Asheboro, North Carolina. The inspection will be performed under the authority of the Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA). Tasks will be performed to satisfy the requirements stated in Phase II of Technical Directive Document (TDD) number F4-9004-67.

1.1 Objectives

The objectives of this Phase II inspection will be to determine the nature of contaminants present at the site and to determine if a release of these substances has occurred or may occur. Further, this inspection will seek to determine the possible pathways by which contamination could migrate from the site and the populations and environments it would potentially affect. Through these objectives, a recommendation will be made regarding future activities at the site.

Specific elements are:

- Obtain information to prepare a site-specific preliminary HRS
- Provide EPA the necessary information to make decisions on any other actions warranted at the site.

1.2 Scope of Work

The scope of this investigation will include the following activities:

- Obtain and review background materials relevant to HRS scoring of site
- Obtain aerial photographs and maps of site, if possible
- Obtain information on local water systems
- Evaluate target populations associated with the groundwater, surface water, air and onsite exposure pathways
- Conduct a survey of private wells
- Determine location and distance to nearest potable well
- Develop a site sketch
- Collect environmental samples

1.3 Schedule

Field work will be conducted the week of June 4, 1990.

1.4 Personnel

Project Manager - Greg Thomas

Other personnel as required

1.5 Permits and Authorization Requirements

EPA is responsible for obtaining access to the site and permission to take photographs of site. In addition, EPA is responsible for all permits which may be required to accomplish this task.

1.6 Site History and Description

The General Electric Company facility is located at 1758 South Fayetteville Street in Asheboro, Randolph County, North Carolina (Ref. 1). Figure 1 shows the location of the facility on the Asheboro topographic map. Figure 2 shows the layout of the facility's hazardous waste storage area.

The facility (built in 1945) operated as a furniture factory until 1952. General Electric bought the facility in 1952 and manufactured electric blankets and small household appliances. Black & Decker bought the facility in April 1984 and has continued manufacturing small household appliances (Ref. 1).

Waste streams have primarily consisted of spent degreasing solvents and waste oils. No on-site disposals or spills of hazardous wastes were reported; however, waste management practices prior to 1980 are unknown. Some copper wire containing the radioactive isotope ^{32}P was buried on-site between 1956 and 1962. Because of the short half life of ^{32}P , the wire is no longer radioactive (Ref. 1).

General Electric submitted a RCRA Part A application in November 1980 for interim status as a treatment, storage, or disposal facility (Ref. 2). The site presently has "Generator" status under RCRA. Wastes are incinerated at Caldwell Systems, NC, or are disposed at hazardous waste landfills in South Carolina and Alabama. The waste storage area is diked (Ref. 1).

1.7 Regional Hydrogeology

Asheboro lies in the Piedmont physiographic province, which is characterized by thick regolith overlying fractured crystalline and metamorphosed sedimentary rock. Groundwater occurs under unconfined conditions within pore space in the regolith and within interconnected fracture systems in the bedrock (Ref. 3, p. 252). The water table occurs at an average depth of 31 feet below land surface in this area (Ref. 4, p. 30). The hydraulic conductivities of the regolith and bedrock are similar and typically range from 1×10^{-2} to 1×10^{-6} cm/sec (Ref. 5, p. 29). The net annual rainfall for this area is 5 inches, and the 1-year, 24-hour rainfall is 3 inches (Refs. 6, pp. 37, 63; 7, p. 93).



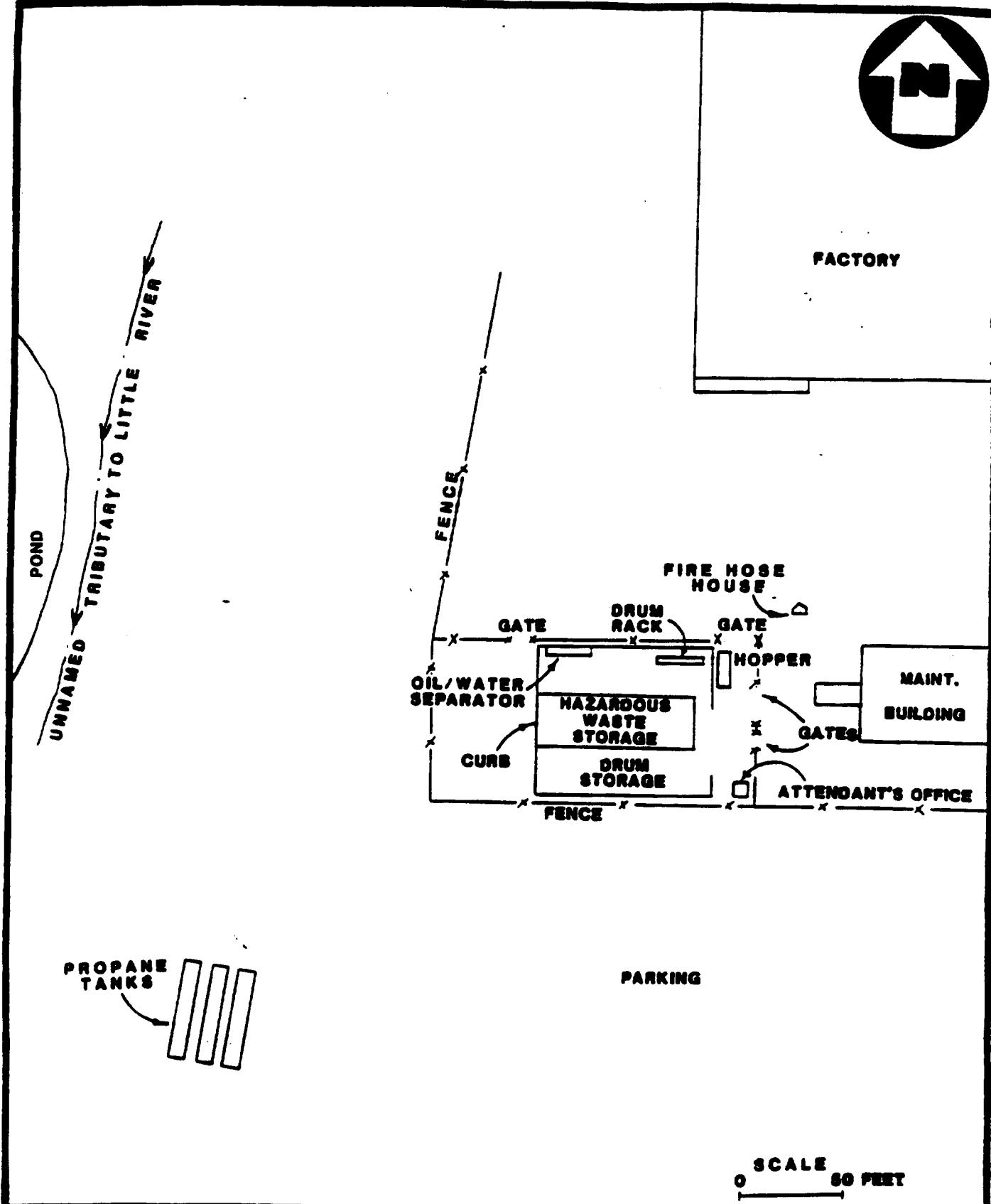
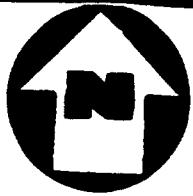
BASE MAP IS A PORTION OF THE USGS 7.5 MINUTE QUADRANGLE ASHEBORO, NORTH CAROLINA, 1981.

SITE LOCATION MAP

GENERAL ELECTRIC CO.

ASHEBORO, RANDOLPH CO., NORTH CAROLINA

FIGURE 1



**SITE LAYOUT MAP
GENERAL ELECTRIC CO.
ASHEBORO, RANDOLPH CO., NORTH CAROLINA**

FIGURE 2

2.0 SAMPLING INVESTIGATION

The sampling investigation will include the collection of soil and groundwater samples. Samples will be analyzed for extractable and purgeable organic compounds, pesticides, PCBs, cyanides, and metals included in the USEPA Target Compound List (TCL). Analyses will be performed under the Contract Laboratory Program (CLP).

2.1 Sampling Locations

A total of six sample locations will be identified and sampled during this investigation. Each sample location will include a surface soil sample and a subsurface soil sample. One sample location will be from an upgradient location to serve as a background sample. The remaining five sample locations will be collected from onsite and downgradient locations. Subsurface soil samples will be collected at a maximum depth of 6 feet unless there are elevated monitoring equipment readings or a change in soil nature at a shallower depth. The nearest private well used for drinking water will also be identified and sampled. Two sediment samples, which include one upstream of the facility to serve as a background sample and one downstream of the facility, will be collected from the unnamed tributary to Little River. Additionally, one sediment sample will be collected from the pond west of the facility. Sample codes, descriptions, and rationale are presented in Table 1. The sample locations (see Figure 3) are tentative and may change as conditions warrant. To maintain the integrity of the hazardous waste storage area, the scheduled adjacent sample locations may be deleted in the event that the storage area is paved.

2.2 Analytical and Container Requirements

Sample containers used will be in accordance with the requirements specified in the Engineering Support Branch Standard Operating Procedures and Quality Assurance Manual; United States Environmental Protection Agency, Region IV, Environmental Services Division, April 1, 1986. The following is a description of the analysis and types of containers required.

<u>Analyses</u>	<u>Container</u>	<u>Preservatives**</u>
Ext. Organics, Water	1 gal., amber glass*	None
Volatile Organics, Water	40 ml., glass vial*	4 drops conc. HCL to pH <2
Metals, Water	1 liter, plastic	50% HNO ₃ to pH <2

TABLE 1
SAMPLE LOCATIONS AND RATIONALE
GENERAL ELECTRIC CO./ASHEBORO
ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA

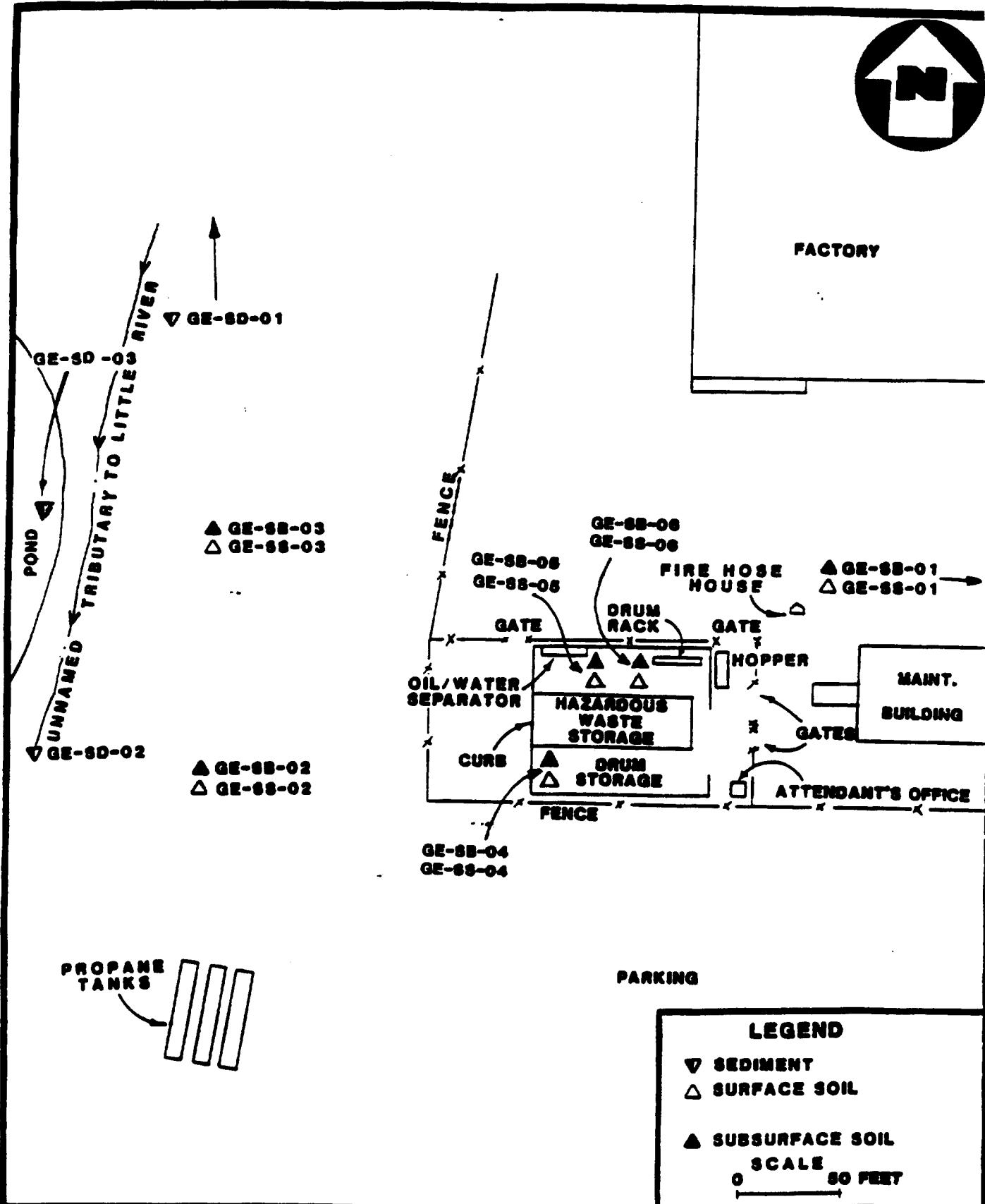
Sample Code	Sample Type	Location	Rationale
GE-SS-01	Surface Soil	Upgradient off site	To determine background surface soil conditions
GE-SS-02	Surface Soil	On site, downgradient from waste storage area	To determine the presence or absence of contaminants
GE-SS-03	Surface Soil	On site, downgradient from waste storage area	To determine the presence or absence of contaminants
GE-SS-04	Surface Soil	On site, adjacent to drum storage area	To determine the presence or absence of contaminants
GE-SS-05	Surface Soil	On site, adjacent to oil/water separator	To determine the presence or absence of contaminants
GE-SS-06	Surface Soil	On site, adjacent to drum rack	To determine the presence or absence of contaminants
GE-SB-01	Subsurface Soil	Same location as SS-01	To determine background subsurface soil conditions
GE-SB-02	Subsurface Soil	Same location as SS-02	To determine the presence or absence of buried contaminants
GE-SB-03	Subsurface Soil	Same location as SS-03	To determine the presence or absence of buried contaminants
GE-SB-04	Subsurface Soil	Same location as SS-04	To determine the presence or absence of buried contaminants
GE-SB-05	Subsurface Soil	Same location as SS-05	To determine the presence or absence of buried contaminants
GE-SB-06	Subsurface Soil	Same location as SS-06	To determine the presence or absence of buried contaminants

GE - General Electric Co./Asheboro
 SS - Surface Soil
 SB - Subsurface Soil
 SD - Sediment
 PW - Groundwater, Private Well

TABLE 1
SAMPLE LOCATIONS AND RATIONALE
GENERAL ELECTRIC CO./ASHEBORO
ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA

Sample Code	Sample Type	Location	Rationale
GE-SD-01	Sediment	Unnamed tributary to Little River, upstream of site	To determine background stream sediment conditions
GE-SD-02	Sediment	Unnamed tributary to Little River, downstream of site	To determine the presence or absence of contaminants
GE-SD-03	Sediment	Pond, west of site	To determine the presence or absence of contaminants
GE-PW-01	Groundwater	Nearest private well to site	To determine the presence or absence of contaminants

GE - General Electric Co./Asheboro
 SS - Surface Soil
 SB - Subsurface Soil
 SD - Sediment
 PW - Groundwater, Private Well



<u>Analyses</u>	<u>Container</u>	<u>Preservatives**</u>
Cyanide, Water	1 liter, plastic	NaOH to pH >12
Ext. Organics, Soil/Sediment	8 oz., glass*	None
Volatile Organics Soil/Sediment	4 oz., glass*	None
Inorganics, Soil/Sediment	8 oz., glass*	None

* Sample container lids are lined with teflon.

** All samples will be iced to 4°C upon collection.

2.3 Methodology

All sample collection, sample preservation, and chain-of-custody procedures used during this investigation will be in accordance with the standard operating procedures as specified in Section 3 and 4 of the Engineering Support Branch Standard Operating Procedures and Quality Assurance Manual; United States Environmental Protection Agency, Region IV, Environmental Services Division, April 1, 1986.

All laboratory analyses and laboratory quality assurance procedures used during this investigation will be in accordance with standard procedures and protocols as specified in the Analytical Support Branch Operations and Quality Assurance Manual; United States Environmental Protection Agency, Region IV, Environmental Services Division; revised June 1, 1985 or as specified by the existing United States Environmental Protection Agency standard procedures and protocols for the contract analytical laboratory program.

REFERENCES

1. Potential Hazardous Waste Site Preliminary Assessment (EPA Form 2070-12) and attached cover letter for General Electric Co., Asheboro. Filed by Stan Atwood, North Carolina Department of Human Resources, August 3, 1987.
2. EPA Hazardous Waste Permit Application (EPA Forms 3510-1 and -3) for General Electric Co., Asheboro, North Carolina. Filed by W.W. Williams, Vice President, General Manager, November 11, 1980.
3. Linda Aller, et al., DRASTIC: A Standardized System for Evaluating Ground Water Pollution Potential Using Hydrogeologic Settings, EPA-600/2-87-035 (Ada, Oklahoma: EPA, April 1987).
4. Charles C. Daniel III, Statistical Analysis Relating Well Yield to Construction Practices and Siting of Wells in the Piedmont and Blue Ridge Provinces of North Carolina, Water Resources Investigations Report 86-4132 (Raleigh, North Carolina: U.S. Geological Survey, 1987).
5. R.A. Freeze and J.A. Cherry, Groundwater (Englewood Cliffs, New Jersey: Prentice-Hall, Inc., 1979).
6. U.S. Department of Commerce, Climatic Atlas of the United States (Washington, D.C.: GPO, June 1968) Reprint: 1983, National Oceanic and Atmospheric Administration.
7. U.S. Department of Commerce, Rainfall Frequency Atlas of the United States, Technical Paper No. 40 (Washington, D.C.: GPO, 1961).

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION IV, ATHENS, GEORGIA

MORRIS



MEMORANDUM

DATE: **MAY 24 1990**

SUBJECT: General Electric Co., Asheboro, North Carolina, SSI Study Plan.
ESD Project No. 90E-412.

FROM: Dan Thoman *dwT*
Hazardous Waste Section
Environmental Compliance Branch
Environmental Services Division

TO: Al Hanke, Chief *AH*
Site Assessment Section
Waste Programs Branch
Waste Management Division

THRU: M. R. Carter, P.E., Acting Chief *m. r. Carter*
Hazardous Waste Section
Environmental Compliance Branch
Environmental Services Division

I have reviewed the above mentioned study plan and have the following comments:

1. The number of surface and sub-surface soil samples specified is grossly inadequate. Additional samples should be collected near the drum storage area, the drum rack, the hazardous waste storage area, the oil/water separator and the landfill.
2. The surface and sub-surface soil sampling intervals must be specified along with the rational for choosing them. I have made this comment on virtually every SSI study plan I have reviewed and NUS continues to ignore it. This information is necessary for evaluating the effectiveness of their sampling strategy.

If you have any questions, please call me at FTS 250-3172.

cc: Finger/Wright
Carter/Bokey
Knight
Franklin (NUS)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV
ENVIRONMENTAL SERVICES DIVISION
ATHENS, GEORGIA 30613

MORRIS

SISB/SAS

RECORDED
JUN 01 1990
RECEIVED
EPA - REGION IV
ATLANTA, GAMEMORANDUM

DATE: May 24, 1990

SUBJECT: Screening Site Inspection Study Plans

FROM: Pat Stamp *Pat Stamp*
Laboratory Quality Control Specialist
Laboratory Evaluation & Quality Assurance SectionTO: Al Hanke, Chief *AMH*
Site Assessment Section
Site Investigation & Support Branch, WASTMDTHRU: Wade Knight, Chief *W.K.*
Laboratory Evaluation & Quality Assurance Section

We have reviewed the following subject documents and have no comments:

1. Orlando Gasification Plant, Orlando, Florida
2. General Electric Company, Asheboro, North Carolina

REGION: 04

U. S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE
DATA BASE UPDATED 83/04/29
T.1 - ERRIS TURNAROUND DOCUMENT

PAGE: 749
RUN DATE: 83/04/29
RUN TIME: 08:15:13

SITE DATA

EPA ID NO.: NCD003236437 SHEET 01

(ACTION : *-* - FOR DATA ENTRY USE ONLY)

SF ID: *-* *-* *-*	SITE NAME: GENL ELEC CO	SOURCE: H	SOURCE COUNTS (NOT UPDATABLE)
- *-*	STREET: 1758 S FAYETTEVILLE	CONG. DIST.: 04	NOTIS: 0
NATL PRIORITY: N	CITY: ASHEBORO	ST: NC ZIP: 27203-__	STS: 0
HRS: *__-*	CNTY NAME: RANDOLPH	CNTY CODE: 151	HWDMS: 1
HRS DATE (YY/MM): *__/*	LATITUDE: 35/40/24.0	LONGITUDE: 079/48/57.0	COMPOSITE: 0
RESPONSE TERMINATION (CHECK ONE IF APPLICABLE): PENDING *-* NO FURTHER ACTION *-*		OTHER: 0	
ENFORCEMENT DISPOSITION (CHECK ANY THAT APPLY): NO VIABLE RESPONSIBLE PARTY *-* VOLUNTARY RESPONSE *-*			
ENFORCED RESPONSE *-* COST RECOVERY *-*			

EVENTS

	(ACTION - FOR DATE ENTRY USE ONLY)	EVENT TYPE	DATE (YY/MM) STARTED	DATE (YY/MM) COMPLETED	CONDUCTED BY				COUNTS
					EPA	STATE	RESP/PARTY	OTHER	
EVENTS	*_*	(X) SITE DISCOVERY (SD)		80/08					
	_	PRELIMINARY ASSESSMENT (PA)		*__/*					
	_	SITE INVESTIGATION (SI)	*__/*	*__/*	*_*	*_*			
	_	REMEDIAl ACTION (RD)	*__/*	*__/*	*_*	*_*	*_*	*_*	*_*
	_	REMOVAL ACTION (RV)	*__/*	*__/*					*_*
ENFORCE EVENTS	*_*	ENFORCEMENT INVESTIGATION (EI)	*__/*	*__/*	*_*	*_*		*_*	
	_	ADMINISTRATIVE ORDER (AO)	*__/*	*__/*	*_*	*_*		*_*	
	_	JUDICIAL ACTION (JA)	*__/*	*__/*	*_*	*_*		*_*	

REGION: 04

U. S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE
DATA BASE UPDATED 83/04/29
T.I - ERRIS TURNAROUND DOCUMENT

PAGE: 750
RUN DATE: 83/04/29
RUN TIME: 08:15:13

EPA ID NO.: NCD003236437 SHEET 02

SITE NAME: GENL ELEC CO

ALIAS AND ALIAS LOCATION DATA

ALIAS (ACTION *-* - FOR DATA ENTRY USE ONLY)

SEQ. NO.: *-* ALIAS NAME: *_____* SOURCE: *-*

ALIAS LOCATION (ACTION *-* - FOR DATA ENTRY USE ONLY)

CONTIGUOUS PORTION OF SITE: *-*

STREET: *_____* CONG. DIST.: *-*

CITY: *_____* ST: *-* ZIP: *____-__*

CNTY NAME: *_____* CNTY CODE: *__*

LATITUDE: *__/_/_.* LONGITUDE: *__/_/_.*

ALIAS (ACTION *-* - FOR DATA ENTRY USE ONLY)

SEQ. NO.: *-* ALIAS NAME: *_____* SOURCE: *-*

ALIAS LOCATION (ACTION *-* - FOR DATA ENTRY USE ONLY)

CONTIGUOUS PORTION OF SITE: *-*

STREET: *_____* CONG. DIST.: *-*

CITY: *_____* ST: *-* ZIP: *____-__*

CNTY NAME: *_____* CNTY CODE: *__*

LATITUDE: *__/_/_.* LONGITUDE: *__/_/_.*

REGION: 04

U. S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE
DATA BASE UPDATED 83/04/29
T.1 - ERRIS TURNAROUND DOCUMENT

PAGE: 751
RUN DATE: 83/04/29
RUN TIME: 08:15:13

EPA ID NO.: NCD003236437 SHEET 03

STTE NAME: GENL ELEC CO

SITE COMMENTS

* * * * *

REGION: 04

U. S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE
DATA BASE UPDATED 83/04/29
T.I - ERRIS TURNAROUND DOCUMENT

PAGE: 752
RUN DATE: 83/04/29
RUN TIME: 08:15:13

EPA ID NO.: NCD0J3236437 SHEET 04

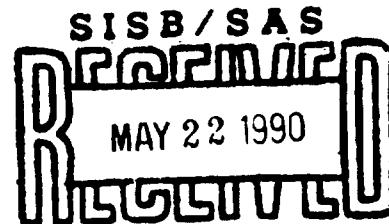
SITE NAME: GENL ELEC CO

REGIONAL ENTRIES

* * * * *



1927 LAKESIDE PARKWAY
SUITE 614
TUCKER, GEORGIA 30084
404-938-7710



May 21, 1990

Mr. A.R. Hanke
Site Investigation and Support Branch
Waste Management Division
Environmental Protection Agency
345 Courtland Street, N. E.
Atlanta, Georgia 30365

Subject: Site Screening Study Plan
Revision 0
General Electric Co.
Asheboro, Randolph County, North Carolina
TDD No. F4-9004-67

Dear Mr. Hanke:

Enclosed please find one (1) copy of the Site Screening Study Plan, Revision 0, for General Electric Co. located in Asheboro, Randolph County, North Carolina.

Please contact me at NUS Corporation if you have any questions concerning this Study Plan.

Very truly yours,

A handwritten signature in black ink, appearing to read "Greg Thomas".

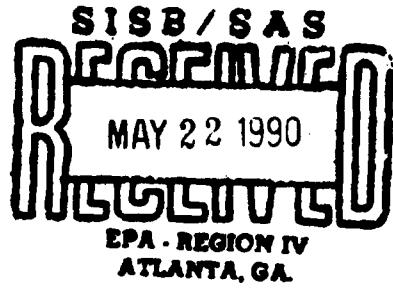
Greg Thomas
Project Manager

GT/gwn

Approved:

A handwritten signature in black ink, appearing to read "Greg Schank".

Enclosure (1)



STUDY PLAN
SCREENING SITE INSPECTION, PHASE II
GENERAL ELECTRIC CO./ASHEBORO
ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA
EPA ID #: NCD003236437

Prepared Under
TDD No. F4-9004-67
CONTRACT NO. 68-01-7346

Revision 0

FOR THE

WASTE MANAGEMENT DIVISION
U.S. ENVIRONMENTAL PROTECTION AGENCY

MAY 18, 1990

NUS CORPORATION
SUPERFUND DIVISION

Prepared By



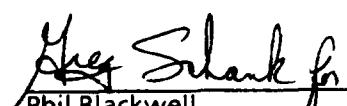
Greg Thomas
Project Manager

Reviewed By



Roger Franklin
Assistant Regional
Project Manager

Approved By



Phil Blackwell
Regional Project Manager

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SCREENING SITE INSPECTION, PHASE II
GENERAL ELECTRIC CO./ASHEBORO
ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA
EPA ID #NCD003236437
TDD NO. F4-9004-67

1.0 INTRODUCTION

The NUS Corporation Region 4 Field Investigation Team (FIT) has been tasked by the U.S. Environmental Protection Agency (EPA), Waste Management Division to conduct a Screening Site Inspection (SSI) at the General Electric Co. facility in Randolph County, Asheboro, North Carolina. The inspection will be performed under the authority of the Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA). Tasks will be performed to satisfy the requirements stated in Phase II of Technical Directive Document (TDD) number F4-9004-67.

1.1 Objectives

The objectives of this Phase II inspection will be to determine the nature of contaminants present at the site and to determine if a release of these substances has occurred or may occur. Further, this inspection will seek to determine the possible pathways by which contamination could migrate from the site and the populations and environments it would potentially affect. Through these objectives, a recommendation will be made regarding future activities at the site.

Specific elements are:

- Obtain information to prepare a site-specific preliminary HRS
- Provide EPA the necessary information to make decisions on any other actions warranted at the site.

1.2 Scope of Work

The scope of this investigation will include the following activities:

- Obtain and review background materials relevant to HRS scoring of site
- Obtain aerial photographs and maps of site, if possible
- Obtain information on local water systems
- Evaluate target populations associated with the groundwater, surface water, air and onsite exposure pathways
- Conduct a survey of private wells
- Determine location and distance to nearest potable well
- Develop a site sketch
- Collect environmental samples

1.3 Schedule

Field work will be conducted the week of June 4, 1990.

1.4 Personnel

Project Manager - Greg Thomas

Other personnel as required

1.5 Permits and Authorization Requirements

EPA is responsible for obtaining access to the site and permission to take photographs of site. In addition, EPA is responsible for all permits which may be required to accomplish this task.

1.6 Site History and Description

The General Electric Company facility is located at 1758 South Fayetteville Street in Asheboro, Randolph County, North Carolina (Ref. 1). Figure 1 shows the location of the facility on the Asheboro topographic map. Figure 2 shows the layout of the facility's hazardous waste storage area.

The facility (built in 1945) operated as a furniture factory until 1952. General Electric bought the facility in 1952 and manufactured electric blankets and small household appliances. Black & Decker bought the facility in April 1984 and has continued manufacturing small household appliances (Ref. 1).

Waste streams have primarily consisted of spent degreasing solvents and waste oils. No on-site disposals or spills of hazardous wastes were reported; however, waste management practices prior to 1980 are unknown. Some copper wire containing the radioactive isotope ^{32}P was buried on-site between 1956 and 1962. Because of the short half life of ^{32}P , the wire is no longer radioactive (Ref. 1).

General Electric submitted a RCRA Part A application in November 1980 for interim status as a treatment, storage, or disposal facility (Ref. 2). The site presently has "Generator" status under RCRA. Wastes are incinerated at Caldwell Systems, NC, or are disposed at hazardous waste landfills in South Carolina and Alabama. The waste storage area is diked (Ref. 1).

1.7 Regional Hydrogeology

Asheboro lies in the Piedmont physiographic province, which is characterized by thick regolith overlying fractured crystalline and metamorphosed sedimentary rock. Groundwater occurs under unconfined conditions within pore space in the regolith and within interconnected fracture systems in the bedrock (Ref. 3, p. 252). The water table occurs at an average depth of 31 feet below land surface in this area (Ref. 4, p. 30). The hydraulic conductivities of the regolith and bedrock are similar and typically range from 1×10^{-2} to 1×10^{-6} cm/sec (Ref. 5, p. 29). The net annual rainfall for this area is 5 inches, and the 1-year, 24-hour rainfall is 3 inches (Refs. 6, pp. 37, 63; 7, p. 93).



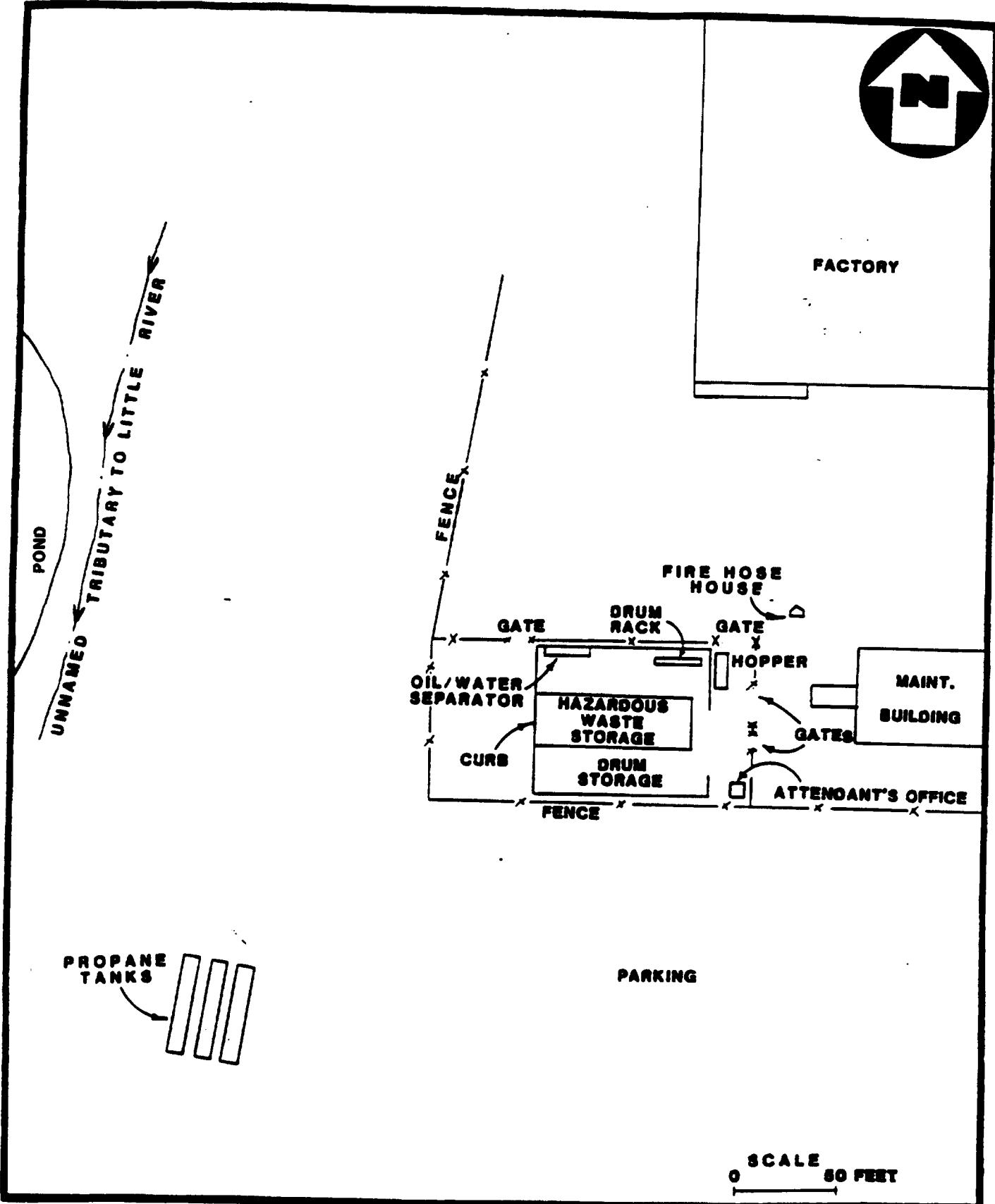
BASE MAP IS A PORTION OF THE USGS 7.5 MINUTE QUADRANGLE ASHEBORO, NORTH CAROLINA, 1981.

SITE LOCATION MAP

GENERAL ELECTRIC CO.

ASHEBORO, RANDOLPH CO., NORTH CAROLINA

FIGURE 1



**SITE LAYOUT MAP
GENERAL ELECTRIC CO.
ASHEBORO, RANDOLPH CO., NORTH CAROLINA**

FIGURE 2



2.0 SAMPLING INVESTIGATION

The sampling investigation will include the collection of soil and groundwater samples. Samples will be analyzed for extractable and purgeable organic compounds, pesticides, PCBs, cyanides, and metals included in the USEPA Target Compound List (TCL). Analyses will be performed under the Contract Laboratory Program (CLP).

2.1 Sampling Locations

A total of three sample locations will be identified and sampled during this investigation. Each sample location will include a surface soil sample and a subsurface soil sample. One sample location will be from an upgradient location to serve as a background sample. The remaining two sample locations will be collected from onsite and downgradient locations. The nearest private well used for drinking water will also be identified and sampled. Two sediment samples, which include one upstream of the facility to serve as a background sample and one downstream of the facility, will be collected from the unnamed tributary to Little River. Additionally, one sediment sample will be collected from the pond west of the facility. Sample codes, descriptions, and rationale are presented in Table 1. The sample locations (see Figure 3) are tentative and may change as conditions warrant.

2.2 Analytical and Container Requirements

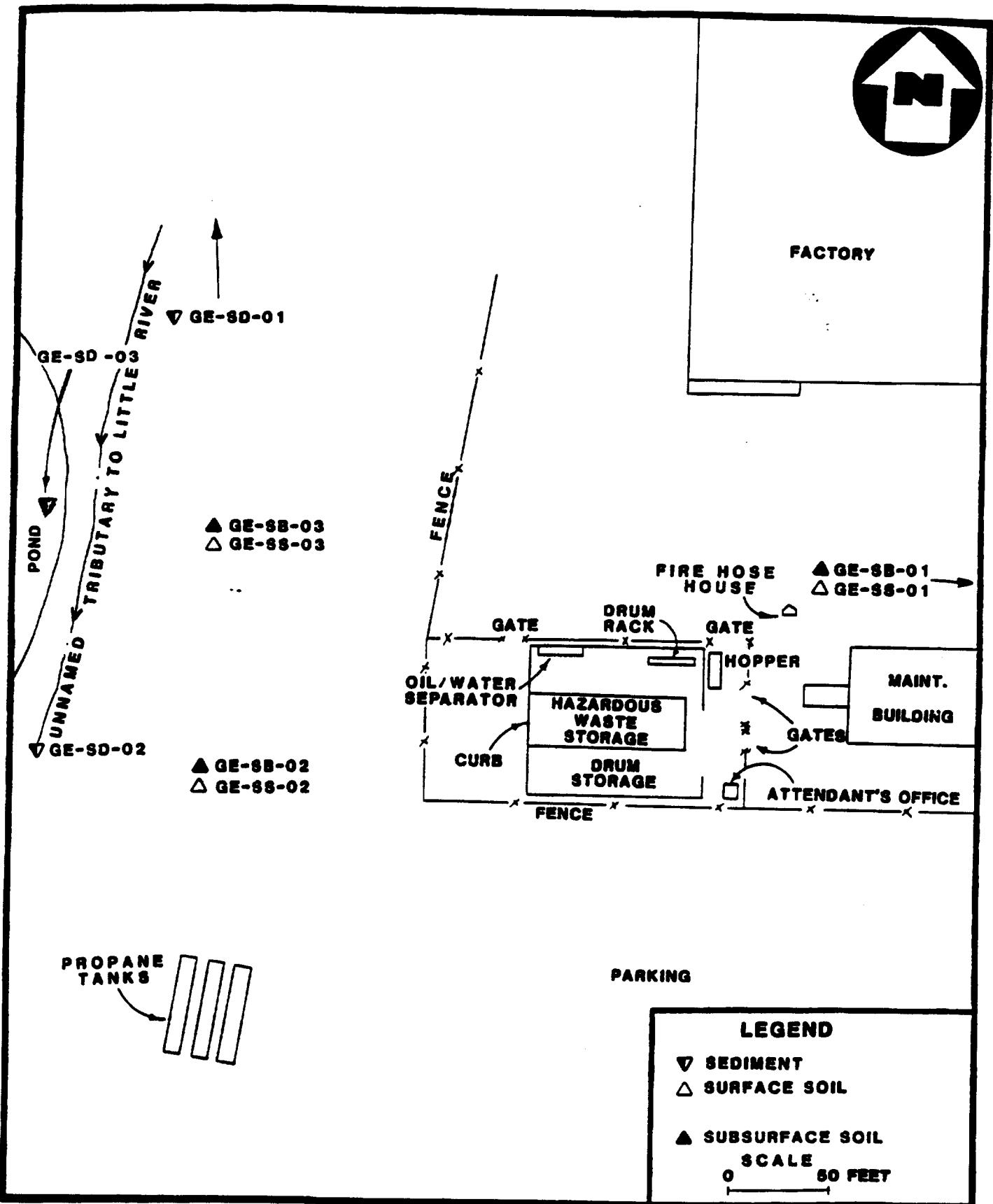
Sample containers used will be in accordance with the requirements specified in the Engineering Support Branch Standard Operating Procedures and Quality Assurance Manual; United States Environmental Protection Agency, Region IV, Environmental Services Division, April 1, 1986. The following is a description of the analysis and types of containers required.

<u>Analyses</u>	<u>Container</u>	<u>Preservatives**</u>
Ext. Organics, Water	1 gal., amber glass*	None
Volatile Organics, Water	40 ml., glass vial*	4 drops conc. HCL to pH <2
Metals, Water	1 liter, plastic	50% HNO ₃ to pH <2
Cyanide, Water	1 liter, plastic	NaOH to pH >12

TABLE 1
SAMPLE LOCATIONS AND RATIONALE
GENERAL ELECTRIC CO./ASHEBORO
ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA

Sample Code	Sample Type	Location	Rationale
GE-SS-01	Surface Soil	Upgradient off site	To determine background surface soil conditions
GE-SS-02	Surface Soil	On site, downgradient area	To determine the presence or absence of contaminants
GE-SS-03	Surface Soil	On site, downgradient area	To determine the presence or absence of contaminants
GE-SB-01	Subsurface Soil	Upgradient off site	To determine background subsurface soil conditions
GE-SB-02	Subsurface Soil	On site, downgradient area	To determine the presence or absence of contaminants
GE-SB-03	Subsurface Soil	On site, downgradient area	To determine the presence or absence of contaminants
GE-SD-01	Sediment	Unnamed tributary to Little River, upstream of site	To determine background stream sediment conditions
GE-SD-02	Sediment	Unnamed tributary to Little River, downstream of site	To determine the presence or absence of contaminants
GE-SD-03	Sediment	Pond, west of site	To determine the presence or absence of contaminants
GE-PW-01	Groundwater	Nearest private well to site	To determine the presence or absence of contaminants

GE - General Electric Co./Asheboro
 SS - Surface Soil
 SB - Subsurface Soil
 SD - Sediment
 PW - Groundwater, Private Well



SAMPLE LOCATION MAP
GENERAL ELECTRIC CO.
ASHEBORO, RANDOLPH CO., NORTH CAROLINA

FIGURE 3

<u>Analyses</u>	<u>Container</u>	<u>Preservatives**</u>
Ext. Organics, Soil/Sediment	8 oz., glass*	None
Volatile Organics Soil/Sediment	4 oz., glass*	None
Inorganics, Soil/Sediment	8 oz., glass*	None

* Sample container lids are lined with teflon.

** All samples will be iced to 4°C upon collection.

2.3 Methodology

All sample collection, sample preservation, and chain-of-custody procedures used during this investigation will be in accordance with the standard operating procedures as specified in Section 3 and 4 of the Engineering Support Branch Standard Operating Procedures and Quality Assurance Manual; United States Environmental Protection Agency, Region IV, Environmental Services Division, April 1, 1986.

All laboratory analyses and laboratory quality assurance procedures used during this investigation will be in accordance with standard procedures and protocols as specified in the Analytical Support Branch Operations and Quality Assurance Manual; United States Environmental Protection Agency, Region IV, Environmental Services Division; revised June 1, 1985 or as specified by the existing United States Environmental Protection Agency standard procedures and protocols for the contract analytical laboratory program.

REFERENCES

1. Potential Hazardous Waste Site Preliminary Assessment (EPA Form 2070-12) and attached cover letter for General Electric Co., Asheboro. Filed by Stan Atwood, North Carolina Department of Human Resources, August 3, 1987.
2. EPA Hazardous Waste Permit Application (EPA Forms 3510-1 and -3) for General Electric Co., Asheboro, North Carolina. Filed by W.W. Williams, Vice President, General Manager, November 11, 1980.
3. Linda Aller, et al., DRASTIC: A Standardized System for Evaluating Ground Water Pollution Potential Using Hydrogeologic Settings, EPA-600/2-87-035 (Ada, Oklahoma: EPA, April 1987).
4. Charles C. Daniel III, Statistical Analysis Relating Well Yield to Construction Practices and Siting of Wells in the Piedmont and Blue Ridge Provinces of North Carolina, Water Resources Investigations Report 86-4132 (Raleigh, North Carolina: U.S. Geological Survey, 1987).
5. R.A. Freeze and J.A. Cherry, Groundwater (Englewood Cliffs, New Jersey: Prentice-Hall, Inc., 1979).
6. U.S. Department of Commerce, Climatic Atlas of the United States (Washington, D.C.: GPO, June 1968) Reprint: 1983, National Oceanic and Atmospheric Administration.
7. U.S. Department of Commerce, Rainfall Frequency Atlas of the United States, Technical Paper No. 40 (Washington, D.C.: GPO, 1961).



1927 LAKESIDE PARKWAY
SUITE 614
TUCKER, GEORGIA 30084
404-938-7710

Wade Knight
From
M. Carter

C-586-5-0-180

May 21, 1990

Mr. Michael Carter
Environmental Protection Agency
College Station Road
Athens, Georgia 30613

Subject: Site Screening Study Plan
Revision 0
General Electric Co.
Asheboro, Randolph County, North Carolina
TDD No. F4-9004-67

Dear Mr. Carter:

Enclosed please find two (2) copies of the Site Screening Study Plan, Revision 0, for General Electric Co. located in Asheboro, Randolph County, North Carolina.

Please contact me at NUS Corporation if you have any questions concerning this Study Plan.

Very truly yours,

A handwritten signature in black ink, appearing to read "Greg Thomas".

Greg Thomas
Project Manager

GT/gwn

Approved:

A handwritten signature in black ink, appearing to read "Greg Schank".

Enclosures (2)

4/22/90

MAY 23 1990

STUDY PLAN
SCREENING SITE INSPECTION, PHASE II
GENERAL ELECTRIC CO./ASHEBORO
ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA
EPA ID #: NCD003236437

Prepared Under
TDD No. F4-9004-67
CONTRACT NO. 68-01-7346

Revision 0

FOR THE

WASTE MANAGEMENT DIVISION
U.S. ENVIRONMENTAL PROTECTION AGENCY

MAY 18, 1990

NUS CORPORATION
SUPERFUND DIVISION

Prepared By



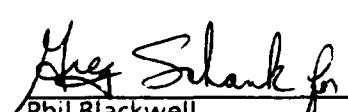
Greg Thomas
Project Manager

Reviewed By



Roger Franklin
Assistant Regional
Project Manager

Approved By



Phil Blackwell
Regional Project Manager

NOTICE

The information in this document has been funded wholly by the United States Environmental Protection Agency (EPA) under Contract Number 68-01-7346 and is considered proprietary to the EPA.

This information is not to be released to third parties without the expressed or written consent of the EPA.

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**STUDY PLAN
SCREENING SITE INSPECTION, PHASE II
GENERAL ELECTRIC CO./ASHEBORO
ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA
EPA ID #NCD003236437
TDD NO. F4-9004-67**

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The NUS Corporation Region 4 Field Investigation Team (FIT) has been tasked by the U.S. Environmental Protection Agency (EPA), Waste Management Division to conduct a Screening Site Inspection (SSI) at the General Electric Co. facility in Randolph County, Asheboro, North Carolina. The inspection will be performed under the authority of the Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA). Tasks will be performed to satisfy the requirements stated in Phase II of Technical Directive Document (TDD) number F4-9004-67.

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The facility (built in 1945) operated as a furniture factory until 1952. General Electric bought the facility in 1952 and manufactured electric blankets and small household appliances. Black & Decker bought the facility in April 1984 and has continued manufacturing small household appliances (Ref. 1).

Waste streams have primarily consisted of spent degreasing solvents and waste oils. No on-site disposals or spills of hazardous wastes were reported; however, waste management practices prior to 1980 are unknown. Some copper wire containing the radioactive isotope ^{32}P was buried on-site between 1956 and 1962. Because of the short half life of ^{32}P , the wire is no longer radioactive (Ref. 1).

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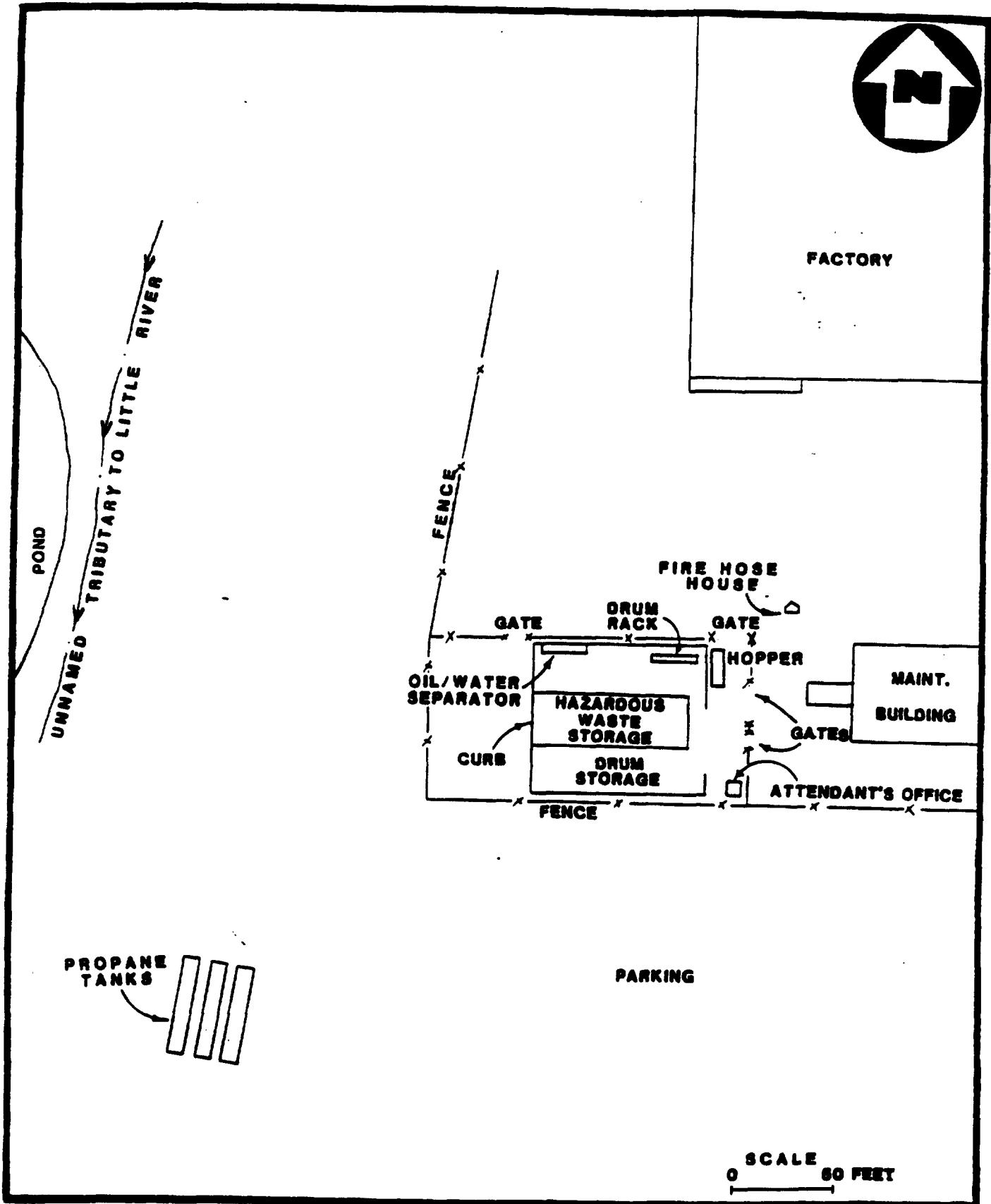
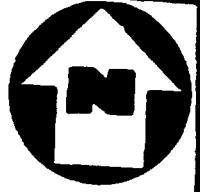
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ASHEBORO, RANDOLPH CO., NORTH CAROLINA**

FIGURE 1



SITE LAYOUT MAP
GENERAL ELECTRIC CO.
ASHEBORO, RANDOLPH CO., NORTH CAROLINA

FIGURE 2

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The sampling investigation will include the collection of soil and groundwater samples. Samples will be analyzed for extractable and purgeable organic compounds, pesticides, PCBs, cyanides, and metals included in the USEPA Target Compound List (TCL). Analyses will be performed under the Contract Laboratory Program (CLP).

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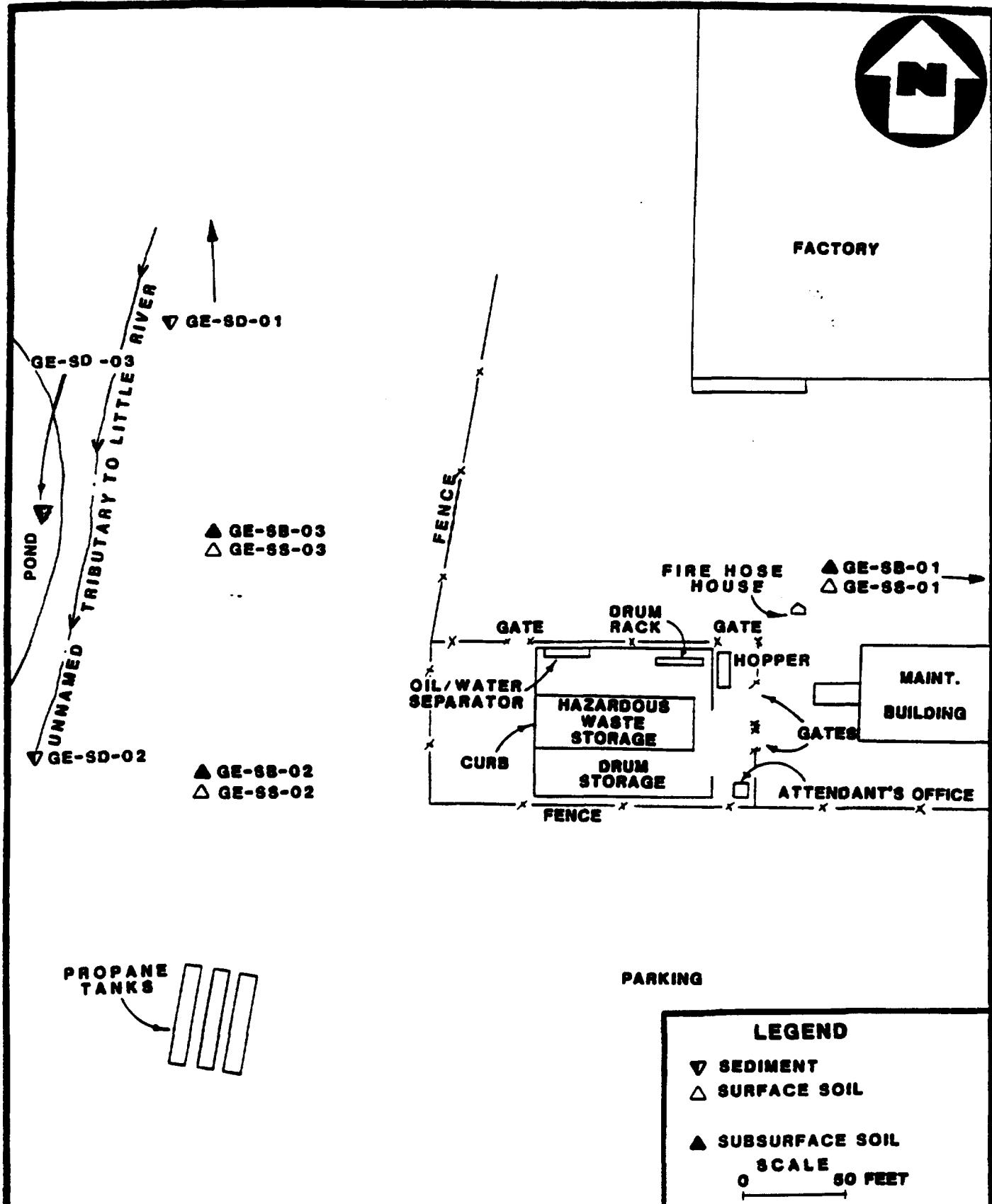
<u>Analyses</u>	<u>Container</u>	<u>Preservatives**</u>
Ext. Organics, Water	1 gal., amber glass*	None
Volatile Organics, Water	40 ml., glass vial*	4 drops conc. HCL to pH <2
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ASHEBORO, RANDOLPH COUNTY, NORTH CAROLINA

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GE-SB-03	Subsurface Soil	On site, downgradient area	To determine the presence or absence of contaminants
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GE-SD-02	Sediment	Unnamed tributary to Little River, downstream of site	To determine the presence or absence of contaminants
GE-SD-03	Sediment	Pond, west of site	To determine the presence or absence of contaminants
GE-PW-01	Groundwater	Nearest private well to site	To determine the presence or absence of contaminants

GE - General Electric Co./Asheboro
SS - Surface Soil
SB - Subsurface Soil
SD - Sediment
PW - Groundwater, Private Well



**SAMPLE LOCATION MAP
GENERAL ELECTRIC CO.
ASHEBORO, RANDOLPH CO., NORTH CAROLINA**

FIGURE 3

<u>Analyses</u>	<u>Container</u>	<u>Preservatives**</u>
Ext. Organics, Soil/Sediment	8 oz., glass*	None
Volatile Organics Soil/Sediment	4 oz., glass*	None
Inorganics, Soil/Sediment	8 oz., glass*	None

* Sample container lids are lined with teflon.

** All samples will be iced to 4 C upon collection.

2.3 Methodology

All sample collection, sample preservation, and chain-of-custody procedures used during this investigation will be in accordance with the standard operating procedures as specified in Section 3 and 4 of the Engineering Support Branch Standard Operating Procedures and Quality Assurance Manual; United States Environmental Protection Agency, Region IV, Environmental Services Division, April 1, 1986.

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2. EPA Hazardous Waste Permit Application (EPA Forms 3510-1 and -3) for General Electric Co., Asheboro, North Carolina. Filed by W.W. Williams, Vice President, General Manager, November 11, 1980.
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7. U.S. Department of Commerce, Rainfall Frequency Atlas of the United States, Technical Paper No. 40 (Washington, D.C.: GPO, 1961).

NUS CORPORATION
SUPERFUND DIVISION



INTERNAL CORRESPONDENCE

TO: Robert Morris
FROM: Joan Dupont
SUBJECT:

DATE: April 17, 1990
COPIES:

Site access information sheets - SSI, Phase II for General Electric Company (NCD003236437), Stanadyne Inc. Diesel System Group (NCD084167444), and ~~Diesel System~~ Stanadyne Inc. Diesel System Group (NCD091567065)

Enclosed are the site access information forms for the following sites:

General Electric Company

Ashboro, Randolph County, N.C.
NCD003236437

TDD No. F4-9004-67

Field sampling is scheduled for the week of June 4, 1990.

The FIT Project Manager is Greg Thomas.

Stanadyne Inc. Diesel System Group

Jacksonville, Onslow County, N.C.
NCD084167444

TDD No. F4-9004-54

Field sampling is scheduled for the week of June 11, 1990.

The FIT Project Manager is Walter Riley.

Stanadyne Inc. Diesel System Group

Washington, Beaufort County, N.C.
NCD091567065

TDD No. F4-9004-73

Field sampling is scheduled for the week of June 11, 1990.

The FIT Project Manager is Ron Wilde.

ACCESS INFORMATION SHEET

SISB/SAS

APR 17 1990

EPA - REGION IV

GRANT F. GRIAS

Joan Dupont

Robert Morris

Week of June 4, 1990

F4-9004-67

Site Name: General Electric Co.
Site Address: 1758 South Fayetteville St.
 Asheboro, NC 27203
 (919) 626-1600
Contact: Ray Pope, Plant Engineer
EPA ID #: NCD003236437

FIT Project Manager: _____
FIT State Coordinator: _____
EPA Contact: _____
Field Date: _____
TDD Number: _____

	File Information	Verification
Facility Owner/Operator: Address: Phone No.: Principal Contact:	Black & Decker U.S., Inc. 701 E. Joppa Road Towson, MD 21204 (301) 583-3900	Black & Decker U.S., Inc. 701 E. Joppa Road Towson, MD 21204 (301) 583-3900
Landowner: Address: Phone No.: Principal Contact: (if different from above)	Black and Decker U.S., Inc. 1758 South Fayetteville St Asheboro, NC 27203 James N. Rademaker, P.H.K. P.O. Box 400 Asheboro, North Carolina 27204-0400	Black & Decker U.S., Inc. 701 E. Joppa Road Towson, MD 21204 (301) 583-3900
Date of Information:	4-13-90	4-13-90

Date Access Required (3 weeks prior to field date)	<u>5/14/90</u>	Date Information Submitted to EPA	<u>4/17/90</u>
--	----------------	--	----------------

Comments:



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30365

4WD-WPB

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. James N. Radermaker
Plant Manager
Black and Decker U.S., Incorporated
P.O. Box 400
Asheboro, North Carolina 27204-0400

RE: General Electric Company
1758 South Fayetteville Street
Asheboro, North Carolina

Dear Mr. Radermaker

The United States Environmental Protection Agency (EPA), pursuant to the authority and requirements of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), 42 U.S.C. 9601 et seq., as amended by the Superfund Amendments and Reauthorization Act (SARA), Public Law 99-499, is planning to conduct an investigation of the above referenced site. General Electric Company is located on 1758 South Fayetteville Street, Asheboro, North Carolina. EPA has reason to believe that there may be a release or threat of a release of hazardous substances from the site into the surrounding environment. The purpose of this investigation is to determine the nature and extent of contamination at the site and to determine what, if any, further response action would be appropriate.

As per Mr. Ray Pope's telephone conversation with me on April 24, 1990, EPA was granted permission for access to your property beginning on or about June 4, 1990, and continuing through the completion of the investigation on or about June 8, 1990. Activities to be conducted during the investigation include:

1. Inspect, sketch, and photograph the premises;
2. Collect surface and subsurface soil samples;
3. Collect groundwater and subsurface water samples;
4. Collect sediment samples;
5. Conduct air monitoring;

6. Transportation of equipment onto and about the site as necessary to accomplish the activities above, including trucks and sampling equipment.

The above sampling activities will be conducted by personnel from EPA Region IV's Field Investigation Team (FIT). Greg Thomas of FIT will contact you prior to the actual site visit to make final arrangements and note any changes.

Split samples will be made available if requested. However, you will be required to furnish your own containers as well as your own laboratory analyses.

If you have any questions, please contact me at (404) 347-5065. Your cooperation in this matter is appreciated.

Sincerely,

Robert Morris
Environmental Engineer

Enclosure

cc: Pat DeRosa, NCDEHNR
Joan Dupont, NUS Corporation
Greg Thomas, NUS Corporation

RM:sw:Doc Access 15:Disk Morris #3:4/25/90:x5065

4WD-SAS

4WD-SAS

MORRIS

DEIHL



North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
David T. Flaherty, Secretary

Ronald H. Levine, M.D., M.P.H.
State Health Director

3 September 1987

Med
~~Fish~~ Priority for
Sampling
Kelly Cain
10/16/89

Ms. Denise Smith
EPA NC CERCLA Project Officer
EPA Region IV Waste Division
345 Courtland Street, N.E.
Atlanta, GA 30365

Dear Ms. Smith:

Re: Preliminary Assessment Report
General Electric Co., Asheboro
NCD003236437

Enclosed please find the Preliminary Assessment report for the subject site. This priority is based on review of available data.

The facility (built in 1945) operated as a furniture factory until 1952. General Electric bought the facility in 1952 and manufactured electric blankets and small household appliances. Black & Decker bought the facility in April 1984 and has continued manufacturing small household appliances.

Waste streams have primarily consisted of spent degreasing solvents and waste oils. No on-site disposals or spills of hazardous wastes were reported; however, waste management practices prior to 1980 are unknown. Some copper wire containing the radioactive isotope ^{32}P was buried on-site between 1956 and 1962. Because of the short half life of ^{32}P , the wire is no longer radioactive.

The site presently has "Generator" status under RCRA. Wastes are incinerated at Caldwell Systems, NC, or are disposed at hazardous waste landfills in South Carolina and Alabama. The waste storage area is diked.

Ms. Denise Smith
Page 2

There are no known drinking water wells in the immediate vicinity of the site; however, it is estimated that more than 3000 people use wells within a 3-mile radius of the site. There is also a pond on-site which is fished. Surface runoff would flow west to the head waters of Little River.

On 3 September 1987, this Preliminary Assessment was reviewed by CERCLA Unit personnel; and by the following representatives from the North Carolina Department of Natural Resources and Community Development, Division of Environmental Management: Glenn Ross, Air Quality Section; and Vince Schneider, Water Quality Section.

A low priority for inspection is assigned. If you have any questions, please call me at (919) 733-2801.

Sincerely,



Stan Atwood, Toxicologist
CERCLA Unit
Solid and Hazardous Waste Management Branch
Environmental Health Section

SA/tb/0420b

REGION IV RCRA/NPL POLICY QUESTIONNAIRE FOR INITIAL SCREENING

Site Name GENERAL ELECTRIC CO. ASHEBORO

City ASHEBORO State NC

Facility I.D. Number NCD003236437

Type of Facility: Generator X Transporter _____ TSD _____

I. RCRA APPLICABILITY

yes no

Does the facility have RCRA interim status? _____ X _____

Does the facility have a final or post-closure permit? If so, date issued _____ X _____

Is the facility a non-notifier that has been identified by States or EPA? _____ X _____

Is the facility a known or possible protective filer? _____ X _____

Have RCRA wastes been stored onsite for longer than 90 days since November 19, 1980? X _____

Have RCRA wastes been disposed onsite since November 19, 1980? _____ X _____

STOP HERE IF ALL ANSWERS TO QUESTIONS IN SECTION I ARE NO

II. FINANCIAL STATUS

yes no

Is the facility owned by an entity that has filed for bankruptcy under federal laws (Chapter 7 or 11) or State laws? _____ X _____

If yes, what has it filed under?

Chapter 7 _____ Chapter 11 _____ Other _____

III. ENFORCEMENT

<u>RCRA Status</u>	<u>yes</u>	<u>no</u>
Has the facility lost authorization to operate via LOIS, 3005(c) permit denial, 3008(h) IS termination, 3005(d) permit revocation?	<input type="checkbox"/>	X
Has the facilities interim status been terminated via another mechanism (i.e. administrative termination)?	X	<input type="checkbox"/>

IV. CERCLA STATUS

What CERCLA financed remedial or removal activities have been initiated
at the site? (RI/FS, RD/RA, O&M, forward planning, and removal; does not
include enforcement or PA/SI activities).

NONE

V. Enforcement Status

<u>yes</u>	<u>no</u>
In general, would you characterize the facility as demonstrating an unwillingness to undertake corrective action based on prior State, CERCLA or RCRA actions?	<input type="checkbox"/> X

If yes, please describe and cite the authorities exercised.

<u>yes</u>	<u>no</u>
Is the owner/operator a party to any enforcement action at the site?	<input type="checkbox"/> X

If not, why not?
The company is in compliance with RCRA generator regulations

Are any PRPs (including owner/operators) undertaking remedial studies or
action in response to CERCLA enforcement authorities? What is the extent/
type of work that has been completed (RI/FS, etc.) and who (generators,
owner/operator, etc.) is conducting the work?

No work is being done on this site

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART I - INFORMATION AND ASSESSMENT

01	IDENTIFICATION STATE NC	02	SITE NUMBER D003236437
----	-------------------------------	----	---------------------------

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) General Electric Co. Asheboro | 02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 1758 S. Fayetteville St.

03 CITY Asheboro | 04 STATE NC | 05 ZIP CODE 27203 | 06 COUNTY Randolph | 07 COUNTY CODE 78 | 08 CONG DIST 04

09 COORDINATES: LATITUDE 35°40'55" | LONGITUDE 79°49'15"

10 DIRECTIONS TO SITE (Starting from nearest public road) From US 64 turn south on Fayetteville St. (Business 220), site is located on the right about 0.5 miles from 64.

III RESPONSIBLE PARTIES

01 OWNER (if known) Black & Decker U.S., Inc. | 02 STREET (Business, mailing, residential) 701 E. Joppa Road

03 CITY Towson | 04 STATE MD | 05 ZIP CODE 21204 | 06 TELEPHONE NUMBER 301-583-3900

07 OPERATOR (if known and different from owner) Black & Decker US Inc. | 08 STREET (Business, mailing, residential) 1758 S. Fayetteville St., P.O. Drawer 400

09 CITY Asheboro | 10 STATE NC | 11 ZIP CODE 27203 | 12 TELEPHONE NUMBER 919-626-1600

13 TYPE OF OWNERSHIP (Check one)

A. PRIVATE B. FEDERAL: _____ (Agency) C. STATE D. COUNTY E. MUNICIPAL
 F. OTHER: _____ (Specify) G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) (CERCLA 103c)

A. RCRA 3001 DATE RECEIVED: B. UNCONTROLLED WASTE SITE DATE RECEIVED C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION BY (Check all that apply)

YES DATE A. EPA B. EPA CONTRACTOR C. STATE D. OTHER CONTRACTOR
 E. LOCAL HEALTH OFFICIAL F. OTHER: _____

NO CONTRACTOR NAME(s): _____

02 SITE STATUS (Check one)

A. ACTIVE B. INACTIVE C. UNKNOWN
Not a TSD. | 03 YEARS OF OPERATION
1945 | present | UNKNOWN

BEGINNING YEAR ENDING YEAR

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED Waste streams have included solvents (primarily used for degreasing): MEK, isopropyl alcohol, 1,1,1-trichloroethane, trichloroethylene, and 1,2-dichloroethane. Waste oil also produced. The site is listed as a "Generator" under RCRA.

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION No on-site spills or disposals of hazardous wastes reported. There are no known drinking water wells in the immediate vicinity. An on-site pond (used for fire protection) is fished.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

A. HIGH B. MEDIUM C. LOW D. NONE
(Inspection required promptly) (Inspection required) (Inspection on time available basis) (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Ray Pope | 02 OF (Agency/Organization) Black & Decker | 03 TELEPHONE NUMBER 919-626-1600

02 PERSON RESPONSIBLE FOR ASSESSMENT Stan Atwood | 05 AGENCY ORGANIZATION NC DHR/DHS S&HW Mgmt. Br | 03 TELEPHONE NUMBER 919-733-2801 | 08 DATE 8/3/87

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

II. IDENTIFICATION

01 STATE	102 SITE NUMBER
NC	D003236437

II. WASTE STATES, QUANTITIES, AND CHARACTERS

01 PHYSICAL STATES (Check all that apply)		02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent)	03 WASTE CHARACTERISTICS (Check all that apply)
<input type="checkbox"/> A. SOLID	<input type="checkbox"/> E. SLURRY	TONS _____	<input checked="" type="checkbox"/> H. IGNITABLE
<input type="checkbox"/> B. POWDER, FINES	<input checked="" type="checkbox"/> F. LIQUID	CUBIC YARDS _____	<input checked="" type="checkbox"/> I. HIGHLY VOLATILE
<input checked="" type="checkbox"/> C. SLUDGE	<input type="checkbox"/> G. GAS	NO. OF DRUMS _____	<input checked="" type="checkbox"/> J. EXPLOSIVE
<input type="checkbox"/> D. Other _____			<input type="checkbox"/> K. REACTIVE
			<input type="checkbox"/> L. INCOMPATIBLE
			<input type="checkbox"/> M. NOT APPLICABLE
			<input type="checkbox"/> G. FLAMMABLE

III. WASTE TYPES

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

V. FEEDSTOCKS (See Appendix for CAS numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (cite specific references, e. g. state files, sample analysis, reports)

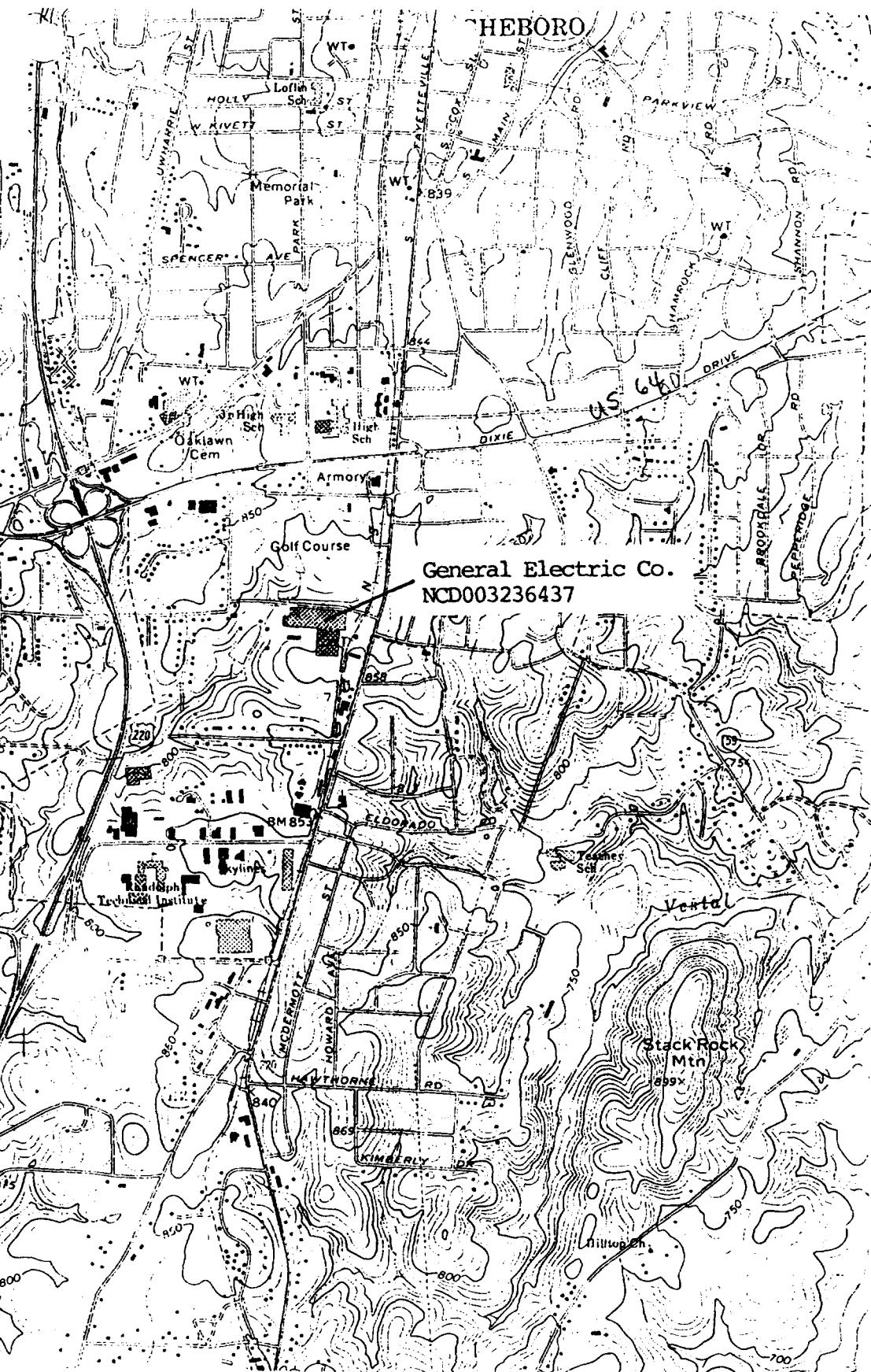
1. Permanent files, Solid & Hazardous Waste Mgmt Br., Raleigh, NC.
 2. Ray Pope, Black & Decker, telephone conversation with Stan Atwood, NC DHR/DHS, 3 Aug. 1987.
 3. USGS 7.5' topographic map, Asheboro Quadrangle, 1981.

ASHEBORO, N.C.

NE/4 ASHEBORO 15' QUADRANGLE
N3537.5-W7945/7.5

1970
PHOTOREVISED 1981
DMA 5055 III NE-SERIES V842

ASHEBORO



SCALE 1:24 000

1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

MN GN
5½° MILS 98 MILS
0°42' 12 MILS

3 August 1987

To: File

From: Stan Atwood *JCr*

Re: GE Co. Asheboro
NCD003236437
(919) 626-1600

I spoke by telephone with Ray Pope, Black & Decker, about the subject site. He provided the following information:

1. The plant was built in 1945 and was operated as a furniture factory until 1952.
2. General Electric bought the facility in 1952 and used the site to produce electric blankets. Small household appliances were later produced at the site.
3. Black & Decker bought the facility on 27 April 1984. There were no major plant operations or employee changes.
4. No on-site disposals or spills were reported.
5. Waste streams have included isopropyl alcohol, MEK, mineral spirits, 1,1,1-trichloroethane, trichloroethylene, and waste oil.
6. No on-site wells used for drinking water and none in the nearby vicinity. The plant is served by the city water system. There is an old abandoned gold mine on-site. At one time water from the gold mine was used for processing.
7. Ken Kolling is the plant manager.

Mr. Pope said he would check further on waste management practices prior to RCRA and would call me back.

Mr. Pope called me back at 10:00 AM and provided some additional information:

1. Between 1956 and 1962 some insulated copper wire used in electric blankets was buried in power pole holes on-site. The wire reportedly contained the radioactive isotope P³². Wire samples taken in the early 1970's found little radioactivity remaining. The half life of P³² is only 13 days.

2. These records only went back to 1980. It is likely that local landfills were used prior to RCRA regulations.
3. An on-site pond is used for fire protection. The pond is also used for fishing.

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES
SOLID AND HAZARDOUS WASTE MANAGEMENT BRANCH
P.O. BOX 2091 RALEIGH, NORTH CAROLINA 27602-2091

306 N. WILMINGTON ST.
INSPECTION REPORT

EPA ID #: NC1003236431 FACILITY NAME : Black & Decker (N.C.) Inc.

ADDRESS: 1758 S Fayetteville St. CITY: Lakeview 27203

DATE OF INITIAL INSPECTION: 4.9.87 STAFF ID #: C3 DOCKET #:

RESPONSIBLE AGENCY: S = STATE: E = EPA: X = OVERSIGHT:
B = STATE CONTRACTOR: E = EPA CONTRACTOR:

TYPE OF EVALUATION: 1 1=CEI 8=WITHDRAWL CANDIDATE
 2=SAMPLING 9=CLOSED FACILITY
 3=RECORD REVIEW 10=GENERAL (LOIS FOR EPA)
 4=QME 11=CASE DEVELOPMENT
 5=FOLLOW UP 12=CORRECTIVE ACTION
 6=CITIZEN COMPLAINT
 7=PART B.

DATE OF INSPECTION: 4-9-87

80-INFORMAL MEETING

CLASS	AREA OF VIOLATION
-------	-------------------

	GW:	C/CP	FIN:	PART B:	CMPL.SCH:	MA:	OT:	CA:
I						0	0	REENTS
II						0	0	

ENTER O, X, or Z IN THE CLASS I ROW.

MAKE ENTRY IN CLASS II ROW ONLY IF CLASS II VIOLATIONS EXIST.

ENFORCEMENT ACTIONS:

ENFORCEMENT ACTIONS									
CLASS	VIOLATION	CODE	DATE ACTION	COMPLIANCE	DATE	PENALTY	RESPONSIBLE		
			TAKEN	SCHED.	ACTUAL	ASSESSED	COLLECTED	AGENCY	ID

02=3007 INFO REQUEST 05=FINAL ADMIN. ORDER
03=NOV WARNING LETTER 10=INFORMAL

04=ADMIN. COMPLAINT

STATUS OF HANDLER:

DATE STATUS EVALUATED:

COMMENTS:

CONTENTS : _____

RCRA INSPECTION REPORT

1) Facility Information

Black & Decker (U.S.) Inc.
1758 S. Fayetteville St.
Asheboro, N.C. 27203
NC0003236437

2) Facility Contact

Ray Pope, Facility Engineer

3) Survey Participants

Ray Pope
J. H. Ruskino, Waste Mgt Spec.

4) Date of Inspection

4-9-87

5) Applicable Regulations

40CFR Part 262

6) Purpose of Survey

Interim status inspection

7) Facility Description

no change

8) Site Deficiencies

none

9) Compliance Date

none

1
GENERATOR INSPECTION FORM - PART 262

Name of Site <u>Black & Decker (U.S.) Inc., NC D003236437</u>	EPA I.D. <u>27303</u>	County <u>Randolph</u>
Location <u>1758 S Fayetteville St, Asheboro</u>	Inspection Date <u>4-9-87</u>	Signature of Inspector(s) <u>J.H. Neakins</u>
Compliance Date <u>no violations</u>		Signature of Facility Contact <u>X Gay C Page</u>
An inspection of your facility has been made this date and you are notified of the violations, if any, marked below with a cross (X).		

SUBPART A - GENERAL

1. Hazardous Waste Determination (262.11)

- Subpart D waste (b)
 Subpart C waste (c)(1)(2)

2. EPA Identification Numbers

- EPA generator number (a)
 EPA transporter/facility (c)

SUBPART B - THE MANIFEST

3. General Requirements (262.20)

- proper manifest (a)
 permitted facility (b)

4. Required Information (262.21)

- document number (a)(1)
 generator identification (a)(2)
 transporter identification (a)(3)
 facility identification (a)(4)
 D.O.T. description (a)(5)
 total quantity (a)(6)
 certification (b)

5. Number of Copies (262.22)

- minimum number

6. Use of the Manifest (262.23)

- generator handwritten signature (a)(1)
 transporter signature/date (a)(2)
 retain_copy (a)(3)
 copies to transporter (b)

SUBPART C - PRE-TRANSPORT REQUIREMENTS

7. Packaging (262.30)

- D.O.T. compliance

8. Labeling (262.31)

- D.O.T. compliance

9. Marking (262.32)

- D.O.T. compliance (a)
 "HAZARDOUS WASTE" label (b)

10. Placarding (262.33)

- D.O.T. compliance

11. Accumulation Time (262.34)

- Subpart I; J (a)(1)
 accumulation date (a)(2)
 "Hazardous Waste" (a)(3)
 Subpart C; D (a)(4)*
 personnel training (a)(4)*

*Cite specific violations of 40 CFR 265 under remarks

SUBPART D - RECORDKEEPING AND REPORTING

12. Recordkeeping (262.40)

- manifest retention (a)
 annual/exception report (b)
 test/waste analysis (c)

Black & Decker (., .)
Asheboro

2

13. Annual Reporting (262.41)

C submitted (a)(1)-6

C submitted (b)

14. Exception Reporting (262.42)

C transporter contact (a)

C exception report (b)(1)(2)

REMARKS:

no violations

CONTAINER/TANK INSPECTION FORM - PART 265

Black & Decker (U.S.)

Name of Site

NCD003236437

EPA I.D.

4-9-87

Inspection Date

SUBPART I - USE AND MANAGEMENT OF CONTAINERS

1. Condition Of Containers (265.171)

- leakage
 past leakage (evidence)
 severe rusting
 structural defect

2. Compatibility Of Waste With Containers (265.172)

- visual evidence of noncompliance
 (leakage, corrosion)

3. Management of Containers (265.173)

- closed (a)
 improper handling or storage (b)

4. Inspections (265.174)

- weekly (minimum)

5. Special Requirements For Ignitable or Reactive Waste (265.176)

- 15m (50 ft)

6. Special Requirements For Incompatible Waste (265.177)

- mixing (a)
 unwashed container (b)
 separation (c)

SUBPART J - TANKS

1. General Operating Requirements (265.192)

- compatibility (a)(b)
 uncovered tank precautions (c)
 overflow prevention (d)

2. Waste Analysis and Trial Tests (265.193)*

- *Section not applicable to a generator only
 waste analysis/trial test

3. Inspections (265.194)

- discharge control equipment (a)(1)
 monitoring equipment (a)(2)
 waste level (a)(3)
 construction material (a)(4)
 surrounding area (a)(5)
 assessment schedule/procedures (b)

4. Closure (265.197)

- plan on-site

5. Special Requirements For Ignitable Or Reactive Waste (265.198)

- properly stored (a)(1)(2)(3)
 buffer requirements (b)

6. Special Requirements For Incompatible Wastes (265.199)

- properly stored (a)
 tank washed (b)

REMARKS:

DRAFT

RCRA LAND RESTRICTION
F- SOLVENT
GENERATOR CHECKLIST

Inspector: J.H. Dickins
Address: 11540 Lakeview Dr.
McMinn, NC
Telephone no: (423) 563-1818



I. HANDLER IDENTIFICATION

A. Handler Name

Black & Decker (U.S.) Inc.

B. Street (or other identifier)

1758 S. Fayetteville St.

C. City

Chapelboro

D. State

N.C.

E. Zip Code

27203

F. County Name

Randolph

G. Nature of business; Identification of Operations

Manufacturer of small appliances - metal degreasing

H. EPA ID #

NC D003236437

I. Handler Contact (Name and Phone Number)

Ray Pope 919-625-5181

II. Generator Compliance

A. F-Solvent Identification

Comments

1. Does the handler generate the following wastes?

a. F001

Yes No

b. F002

Yes No

c. F003

Yes No

If an F003 wastestream listed solely for ignitability was mixed with a non-restricted solid or hazardous waste, does the resultant mixture exhibit the ignitability characteristic?

Yes No

d. F004

Yes No

e. F005

Yes No

2. Source of the above: Form 8700-12 _____; Part A ; Part B _____; Other (specify) _____

Appendix A is intended to assist the inspector and enforcement official in determining whether the handler is generating F-solvent wastes, if such wastes were not identified by the handler previously. If you are concerned that F-solvent wastes may be misclassified or mislabeled, turn to Appendix A. Note concerns below:

Handler Name: Black & Decker
ID Number: ND003231437
Inspector: J. H. Neffman
Date: 4-17-87

B. National Variances and Extensions/Petitions

- | | <u>Comments</u> |
|--|---|
| 1. Is the waste generated by a Small Quantity Generator? [268.30(a)(1)] | ____ Yes <input checked="" type="checkbox"/> No |
| 2. Is the waste generated from a RCRA corrective action? [268.30(a)(2)] | ____ Yes <input checked="" type="checkbox"/> No ____ Some |
| 3. Is the waste generated from a CERCLA response action? [268.30(a)(2)] | ____ Yes <input checked="" type="checkbox"/> No ____ Some |
| 4. Is the solvent waste a solvent-water mixture, solvent-containing sludge, or solvent-contaminated soil containing less than one percent total F001-F005 constituents by weight? [268.30(a)(3)] | ____ Yes <input checked="" type="checkbox"/> No ____ Some |
| 5. Any extensions/petitions approved? | ____ Yes <input checked="" type="checkbox"/> No |

C. BDAT Treatability Group - Treatment Standards Identification

1. Did the generator correctly determine the appropriate treatability group and treatment standards of the waste [§268.41]. Wastewaters containing solvents; spent methylene chloride in pharmaceutical wastewaters; all other spent solvent wastes]? Yes ____ No

D. Waste analysis

1. Did the generator determine whether the waste exceeds treatment standards based on §268.7(a):

- a. knowledge of the waste Yes ____ No
- b. TCLP Yes ____ No

If knowledge, note how this is adequate: Analysis

If determined by TCLP, provide date of last test, frequency of testing, and attach test results.

Dates/frequency: _____

Note any problems: _____

- c. Were wastes tested using TCLP when a process or wastestream changes? Yes ____ No

Filler Name: Black & Decker
EPA Number: 1KDX0323457
Inspector: J.H. Jackson

Comments

2. Did the F-solvent wastes exceed applicable treatability group treatment standards upon generation [§268.7(a)(2)]? / Yes No Some
3. Did the generator dilute the waste or the treatment residual so as to substitute for adequate treatment [§268.3] Yes / No

E. Management

1. On-site management

- a. Were F-solvent wastes managed on-site? Yes / No

If yes, answer 1(b) and (c); if no, answer 2.

- b. For wastes that exceed treatment standards, was treatment, storage and/or disposal conducted? Yes No

If yes, TSDF Land Restriction checklist must be completed.

- c. Are test results maintained in the operating record? Yes No

2. Off-site management

- a. If F-solvent wastes exceed treatment standards, did generator provide treatment facility [268.7(a)(1)]:

(i) EPA waste number? / Yes No

(ii) Applicable treatment standard? Yes / No

(iii) Manifest number? / Yes No

(iv) Waste analysis data, if available? / Yes No

Identify off-site treatment facilities

Oldover Corp, Cascade, Va.

Handler Name: Brock & Hocke
ID Number: NC D003A36437
Inspector: D. S. DeLoach
Date: 4/27/87

Comments

b. If F-solvent wastes does not exceed treatment standards, did generator provide the disposal facility [268.7(a)(2)]:

N/A

(i) EPA Hazardous waste number? Yes No

Yes No

(ii) Applicable treatment standard? Yes No

Yes No

(iii) Manifest number? Yes No

Yes No

(iv) Waste analysis data, if available? Yes No

Yes No

(v) Certification regarding waste and that it meets treatment standards? Yes No

Yes No

Identify land disposal facilities receiving the BDAT certified wastes.

c. If waste is subject to nation-wide variance (e.g., solvent-water mixtures less than 1%), extension (268.5) or petition (268.6) does generator provide notice to disposer that waste is exempt from land disposal restrictions [268.7(a)(3)]?

Yes No

N/A

F. Storage of F-solvent waste

1. Was F-solvent waste stored for greater than 90 days (after variance 180/270 days for SQG)? Yes No

If yes, was facility operating under interim status or permit? Yes No

If yes, TSDF Checklist must be completed.

1. filer name Black & Decker
ID Number NC17003236-431
Inspector J. H. Blackmon
Date 7-4-87

G. Treatment Using RCRA 264/265 Exempt Units or Processes

1. Were treatment residuals generated from RCRA 264/265 exempt units or processes?

Yes No

If yes, list type of treatment unit and processes _____

Residuals from RCRA-exempt treatment units are subject to Land Disposal Restrictions Program. Ascertain whether residuals have been subjected to restriction program requirements.

Handler Name: Black & Decker
 ID Number: NCP003236437
 Inspector: J. H. Jackson
 Date: 04-9-87

APPENDIX A

SOLVENT IDENTIFICATION CHECKLIST

Comments

1. Does the handler generate any of the following F001 constituents (i.e., spent halogenated solvents used in degreasing) as a result of being used in the process either in pure form or commercial grade?

tetrachloroethylene
trichloroethylene
methylene chloride
1,1,1-trichloroethane
carbon tetrachloride
chlorinated fluorocarbons

Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No

2. Does the handler generate any of the following F002 constituents (i.e., spent halogenated solvents) as a result of being used in the process either in pure form or commercial-grade?

tetrachloroethylene
trichloroethylene
methylene chloride
1,1,1-trichloroethane
chlorobenzene
trichlorofluoromethane
1,1,2 trichloro 1,2,2-trifluoroethane
ortho-dichlorobenzene
1,1,2-trichloroethane

Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No

3. Does the handler generate any of the following F003 constituents (i.e., spent nonhalogenated solvents) as a result of being used in the process either in pure form or commercial grade?

xylene
acetone
ethyl acetate
ethyl benzene
ethyl ether
methyl isobutyl ketone
n-butyl alcohol
cyclohexane
methanol

Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No
Yes	<input checked="" type="checkbox"/>	No

Handler Name:

ID Number:

Inspector:

Date:

Black & Decker
NJDCC3236437
C.H. Beckers
7/4/87

Comments

If the F003 wastestream has been mixed with a solid waste, does the resultant mixture exhibit the ignitability characteristic?

Yes No

4. Does the handler generate any of the following F004 constituents (i.e., spent nonhalogenated solvents) as a result of being used in the process either in pure form or commercial grade?

cresols and cresylic acid
nitrobenzene

Yes No
 Yes No

5. Does the handler generate any of the following F005 constituents (i.e., spent nonhalogenated solvents) as a result of being used in the process either in pure form or commercial grade?

toluene
methyl ethyl ketone
carbon disulfide
isobutanol
pyridine
benzene
2-ethoxyethanol
2-nitropropane

Yes No
 Yes No

6. Are any of the constituents listed in the questions 1-5 used for their "solvent" properties — that is to solubilize (dissolve) or mobilize other constituents? The following questions will be helpful in confirming this determination.

(a) Chemical carriers? Yes No

If the answer is yes, list the constituents.

(b) Degreasing/cleaning? Yes No

If the answer is yes, list the constituents.

Trichloroethylene & MEK

Handler Name:
ID Number:
Inspector:
Date:

Black & Decker
NCP003236437
D. H. Neatman
4-4-87

(c) Diluents?

Yes No

Comments

If the answer is yes, list the constituents.

(d) Extractants?

Yes No

If the answer is yes, list the constituents.

(e) Fabric scouring?

Yes No

If the answer is yes, list the constituents.

(f) Reaction and synthesis media?

Yes No

If the answer is yes, list the constituents.

If questions 1-6 led the inspector to believe the waste may be an F-solvent
answer question 7.

7. Are any of the above constituents spent
solvents? A solvent is considered
"spent" when it has been used and is
no longer used without being
regenerated, reclaimed, or otherwise
reprocessed.

Yes No

Handler Name: Black & Decker
 ID Number: N.C.D.C.053236437
 Inspector: J.H. Dickens
 Date: 14-4-87

8. If the waste is a mixture of constituents as determined in questions 1-6, answer this to determine whether it is a "solvent mixture" covered by the listings.

If the wastestream is mixed and contains more than one of the F001-F005 constituents listed in questions 1-5 (by volume), give the concentration before use of all the constituents in the solvent mixtureblend. For example:

5% methylene chloride 2% trichloroethylene 25% 1,1,1-trichloroethane 68% mineral spirits 100%	<i>NA</i>
--	-----------

If the wastestream is a mixture containing a total of 10% or more (by volume) of one or more of the F001, F002, F004, or F005 listed constituents before use, it is a listed waste.

With respect to the F003 solvent wastes, if, before use, the wastestream is mixed and contains only F003 constituents, it is a listed waste. For example:

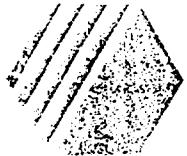
33% acetone 16% methanol 51% ethyl ether 100%

If the wastestream is a mixture containing F003 constituents and a total of 10% or more of one or more of the F001, F002, F004, and F005 listed constituents before use, it is a listed waste.

For example:

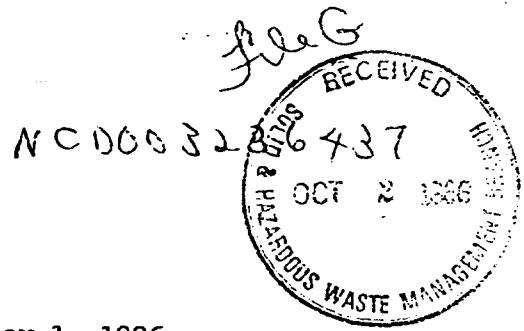
50% xylene F003 12% TCE F001 38% mineral spirits 100%
--

If in light of the above, the handler appears to be generating F001-F005 hazardous wastes, refer this facility to the enforcement official for follow-up actions verifying the use of solvents at the facility.



**BLACK &
DECKER**

12



October 1, 1986

Mr. Jerry Rhodes
N. C. Department of NRCD
Solid and Hazardous Waste Management Branch
Post Office Box 2091
Raleigh, North Carolina 27602

extension

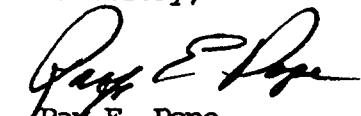
Dear Mr. Rhodes:

Thank you for your letter, dated September 5, 1986, granting my request for a "30 day extension to the holding period."

Thank you for your advice "to plan more carefully in the future." I shall continue to discharge all my duties in a professional, ethical, and forthright manner.

The requested, certified copy of the applicable Hazardous Waste Manifest is attached.

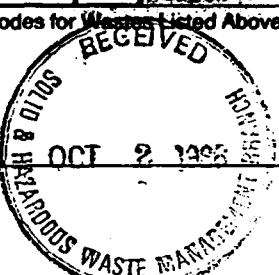
sincerely,


Ray E. Pope
Sr. Manufacturing Engineer

REP:mj
Attachment
cc: J. E. Moser

86-20

Black & Decker Corporation
U.S. Household Products Group
P. O. Drawer 400, Asheboro, NC 27204-0400
Phone: (919) 625-5181

UNIFORM HAZARDOUS WASTE MANIFEST		21. Generator's US EPA ID No NCD003236437	Manifest Document No 86026	2. Page 1 of 1 Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Black & Decker Corp. 1758 S. Fayetteville St. Asheboro, N. C. 27203		A. State Manifest Document Number 86026		
4. Generator's Phone (914) 625-5131		B. State Generator's ID NCD003236437		
5. Transporter 1 Company Name Overnite Transportation Co.		6. US EPA ID Number YAD 000651778	C. State Transporter's ID VAD000651778	
7. Transporter 2 Company Name		8. US EPA ID Number	D. Transporter's Phone (804) 231-8000	
9. Designated Facility Name and Site Address Caldwell Systems, Incorporated Mt. Herman Rd. Lenoir, N. C. 28645		10. US EPA ID Number NCD085871282	E. State Transporter's ID	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
G E N E R A T O R	a. X Waste Rags, Wet; Flammable Solid; (NA1325) PC# CSI-823	1 DM	123	P
b.				
c.				
d.				
J. Additional Descriptions for Materials Listed Above			K. Handling Codes for Materials Listed Above	
				
15. Special Handling Instructions and Additional Information Work Order No. 3155				
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.				
T R A N S P O R T E R	Printed/Typed Name Ray E. Pope		Signature <i>Ray E. Pope</i> Month Day Year 10/1/86	
F A C I L I T Y	Printed/Typed Name <i>John J. Miller</i>		Signature <i>John J. Miller</i> Month Day Year 10/1/86	
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name <i>John J. Miller</i>		Signature <i>John J. Miller</i> Month Day Year 10/1/86		
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature		
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.				
Printed/Typed Name		Signature		



G

North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
Phillip J. Kirk, Jr., Secretary

September 5, 1986

Ronald H. Levine, M.D., M.P.H.
State Health Director

Mr. Ray E. Pope
Sr. Manufacturing Engineer
Black & Decker
P. O. Box 400
Asheboro, North Carolina 27204-0400

RE: Extension of Accumulation Time

Dear Mr. Pope:

On September 2, 1986 this Agency received your request for an extension of the 90 day limit for storage of hazardous waste by a generator without a permit. This request is for NCD003236437.

In order to allow sufficient time for Caldwell Systems, Inc. to accept the waste a 30-day extension is hereby granted from September 23, 1986 until October 28, 1986.

In view of the fact that an extension was also granted to you on April 1, 1986, we would advise you to plan more carefully in the future.

This is the maximum time allowed under 40 CFR 262.34(b) as adopted in 10 NCAC 10F .0030.

By November 8, 1986 you shall notify this office of the shipment of this waste by sending us a copy of the manifest signed by yourself and the transporter.

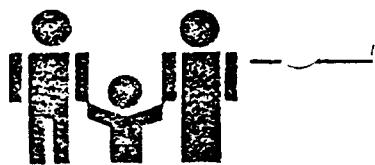
Sincerely,

A handwritten signature in cursive ink that appears to read "Jerry Rhodes".

Jerry Rhodes, Assistant Branch Head
Solid & Hazardous Waste Management Branch
Environmental Health Section

JR:MB:bw

CC: Joe Deakins



Keith

Ronald H. Levine, M.D., M.P.H.
STATE HEALTH DIRECTOR

DIVISION OF HEALTH SERVICES
P.O. Box 2091
Raleigh, N.C. 27602-2091

3

June 28, 1983

Mr. Robert C. Wright
General Electric Co.
1285 Boston Avenue
Bridgeport, Connecticut 06601-2385

Dear Mr. Wright:

Enclosed is a form indicating that we are taking the action you requested for your Asheboro plant.

As a matter of form, I am asking our field representative, Mr. Joe Deakins, to visit this plant some time in the next two or three weeks, to make sure that no hazardous waste is now being stored over 90 days.

Very truly yours,

Keith Lawson

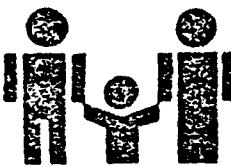
Keith Lawson, Environmental Chemist
Solid & Hazardous Waste Management Branch
Environmental Health Section

KL:ct

cc: Mr. Ray Pope
Mr. Joe Deakins

Enclosure





Keith

Ronald H. Levine, M.D., M.P.H.
STATE HEALTH DIRECTOR

DIVISION OF HEALTH SERVICES
P.O. Box 2091
Raleigh, N.C. 27602-2091

Date: June 27, 1983

2

Mr. Robert C. Wright
General Electric Co.
1285 Boston Avenue
Bridgeport, Connecticut 06601-2385 Re: Facility ID No. NCD003236437

Dear Mr. Wright:

Based on information supplied by you we have processed and accepted at the State level your request for the facility identified with the above ID number to receive the indicated change in classification under RCRA:

<u>Add As</u>	<u>Delete As</u>	
<input type="checkbox"/>	<input type="checkbox"/>	generator
<input type="checkbox"/>	<input type="checkbox"/>	transporter
<input type="checkbox"/>	<input type="checkbox"/>	treater
<input type="checkbox"/>	<input checked="" type="checkbox"/>	storer
<input type="checkbox"/>	<input type="checkbox"/>	disposer
<input type="checkbox"/>	<input type="checkbox"/>	small generator

We are advising EPA of the change in your status. Please notify us if there is any further change in your operations which would again affect your status. Your EPA ID NO. is is not being cancelled.

Cordially,


O.W. Strickland

U. W. Strickland, Head
Solid & Hazardous Waste Management Branch
Environmental Health Section

OWS

cc: Doug McCurry
EPA Region IV
Emil Breckling
Rick Doby
Ray Pope

DHS Form 3048 3/82
Solid & Haz. Waste Mgt. Branch



Department of Human Resources
Division of Health Services
Solid & Hazardous Waste Management Branch.

APPLICATION FOR CHANGE IN CLASSIFICATION UNDER RCRA

Date: June 21, 1983
Company Name: General Electric Company
Company Address: 1758 S. Fayetteville St. Asheboro, N.C.
EPA ID No: NCD003236437 27203

Mr. O. W. Strickland, Head
Solid & Hazardous Waste Management Branch
Division of Health Services
P. O. Box 2091
Raleigh, N. C. 27602

Dear Mr. Strickland:

Our company requests the following change in its classification under RCRA (check all that apply):

<u>Add As</u>	<u>Delete As</u>	
<input type="checkbox"/>	<input type="checkbox"/>	generator
<input type="checkbox"/>	<input type="checkbox"/>	transporter
<input type="checkbox"/>	<input type="checkbox"/>	treater
<input type="checkbox"/>	<input checked="" type="checkbox"/>	storer
<input type="checkbox"/>	<input type="checkbox"/>	disposer
<input type="checkbox"/>	<input type="checkbox"/>	small generator

Our reason for this request is:

Plant procedures have been established to assure that all hazardous waste is taken off-site for disposal within 90 days from the date it is generated. The Asheboro plant no longer stores hazardous waste.

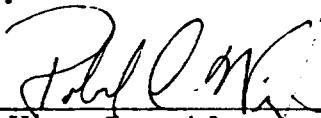
NOTE: Give any pertinent information. This may be a change in your process, a new calculation of the volume of your waste, new analyses of your waste, etc. Be specific. Please note that this is not a petition for delisting a listed waste, which requires totally different handling.

If your request takes you out of the regulated system, but you wish to retain your EPA ID No., please state why.

I understand that my company must supply information about any changes in its operations which might change its status again on its own initiative.

I certify that the information supplied is accurate and correct to the best of my knowledge and belief. I am authorized to make this request on behalf of my company at the location given.

Signature:



Vice President &

Company Title: Division General Manager

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, 1285 BOSTON AVE., BRIDGEPORT, CONNECTICUT 06601-2385

HOUSEWARES
AND AUDIO
BUSINESS
DIVISION

4
June 21, 1983



Mr. J. Rhodes
Solid & Hazardous Waste Management Branch
Environmental Health Section
Department of Human Resources
P. O. Box 2091
Raleigh, North Carolina 27602

Dear Mr. Rhodes:

The General Electric plant located in Asheboro, North Carolina received a formal request dated March 30, 1983, for Part B of our application for a Hazardous Waste Facility Permit. This application was submitted to allow the plant to store hazardous waste. However, the Asheboro plant is currently not operating as a TSD (treatment, storage or disposal site) and the General Electric Company has no plans for that facility that would require the treatment, storage or disposal of hazardous waste. Because these hazardous waste activities are not conducted, it is requested that the facility's interim status be rescinded and that no action be taken on our November, 1980 permit application.

Please consider this letter and the attached application for a change in classification as our response to the request for the Part B application. Should any additional information be required contact Mr. Ray Pope, at the Asheboro plant.

Very truly yours,

Robert C. Wright
Vice President
Division General Manager

RCW:et



Ronald H. Levine, M.D., M.P.H.
STATE HEALTH DIRECTOR

DIVISION OF HEALTH SERVICES
NORTH CENTRAL REGIONAL OFFICE
720 Coliseum Drive-Plaza West
Winston-Salem, N.C. 27106
(919) 761-2390

February 4, 1982

1

MEMORANDUM

TO: O. W. Strickland, Head
Solid & Hazardous Waste Management Branch

FROM: Steve Phibbs, District Sanitarian
North Central Regional Office

SUBJECT: Interim Status Inspection

COMPANY: General Electric
1758 S. Fayetteville Street
Asheboro, North Carolina 27203
EPA ID# NCD003236437
Randolph County

CONTACT: Richard Winkler, Ray Pope

CURRENT WASTE DISPOSAL SITES: S.C.A. - South Carolina, Chemical Waste
Management - Alabama, Caldwell Systems - North Carolina

On February 2, 1982, an RCRA interim status inspection was conducted at the General Electric Company in Asheboro, N. C. No violations were noted during the inspection.

General Electric appears to have a very good hazardous wastes program.

SP/sl
Attachment

A Inspection Report

1) Facility Information

General Electric
1758 S. Fayetteville Street
Asheboro, North Carolina
EPA ID# NCD003236437

2) Facility Contact

Ray Pope
Richard Winkler

3) Survey Participants

Ray Pope, General Electric
Richard Winkler, General Electric
Steve Phibbs, District Sanitarian, Division of Health Services

4) Date of Inspection

February 2, 1982

5) Applicable Regulations

40 CFR Parts 263 and 265

6) Purpose of Survey

RCRA hazardous waste interim status was conducted at the General Electric Company in Asheboro, North Carolina. The scope of the survey covered record review, site survey and drum storage.

Applicable regulations covered those contained in 40 CFR Part 263, Generator Standards and Part 265, general facility standards for storage facilities and use and management of containers.

7) Facility Description

General Electric of Asheboro, North Carolina, manufactures small household and personal grooming appliances. Hazardous wastes generated includes varisol, alcohol, methyl ethyl ketone, waste oil, degreasing solvents and sludges. These materials are disposed of at Caldwell Systems - North Carolina, S.C.A. - South Carolina, and Chemical Waste Management - Alabama. The waste oils are reclaimed by an oil recycling company.

The hazardous wastes are generated from the degreasing and cleaning of metal components. The degreasing "bath" is emptied approximately one time per week with the contents being stored in drums.

The wastes storage area is diked with a sump that can be used in an emergency spill situation. Adequate runoff precautions appear to have been taken.

8) Site Deficiencies

None

9) Recommendations

None

1

INSPECTION FOR INTERIM STATUS STANDARDS R
 OWNER/OPERATOR OF HAZARDOUS WASTE MANAGEMENT
 FACILITIES

Name of Site	EPA I.D.	County
<u>General Electric Co.</u>	<u>NC0003236437</u>	<u>Randolph</u>
Location	Signature of Facility Contact	
<u>1758 S. Fayetteville St., Asheboro</u>	<u>Paul E. Lyon</u>	
Date	Signature of Inspector(s)	
<u>2/2/82</u>	<u>Steve Phillips</u>	

INSTRUCTIONS: Place a check to indicate Compliance (C), NonCompliance (NC) or Not Applicable (NA). Cite specific violation by Section No.

	C	NC	NA	Violation(s)
1. GENERAL	✓	—	—	
2. GENERAL FACILITY STANDARDS	✓	—	—	
3. PREPAREDNESS AND PREVENTION	✓	—	—	
4. CONTINGENCY PLAN AND EMERGENCY PROCEDURES	✓	—	—	
5. MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING	✓	—	—	
6. GROUND-WATER MONITORING	—	—	✓	
7. CLOSURE AND POST-CLOSURE	✓	—	—	
8. FINANCIAL REQUIREMENTS	✓	—	—	
9. USE AND MANAGEMENT OF CONTAINERS	✓	—	—	
10. TANKS	—	—	✓	
11. SURFACE IMPOUNDMENTS	—	—	✓	
12. WASTE PILES	—	—	✓	
13. LAND TREATMENT	—	—	✓	
14. LANDFILLS	—	—	✓	
15. INCINERATORS	—	—	✓	
16. THERMAL TREATMENT	—	—	✓	
17. CHEMICAL, PHYSICAL, AND BIOLOGICAL TREATMENT	—	—	✓	
18. UNDERGROUND INJECTION	—	—	✓	

Generator And storage Facility	YES	NO
Imminent hazard	()	(✓)

FORM	1	U.S. ENVIRONMENTAL PROTECTION AGENCY	PA I.D. NUMBER
GENERAL		GENERAL INFORMATION	
Consolidated Permits Program (Read the "General Instructions" before starting.)			
1 2 3 4 5 6 7 8 9 10 11 12			
GENERAL INSTRUCTIONS			
<p>If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.</p>			
I. EPA I.D. NUMBER NC0003236437			
III. FACILITY NAME GENERAL ELECTRIC CO. DRAWER 400 ASHEBORO, NC 27203			
V. FACILITY MAILING ADDRESS 1758 S FAYETTEVILLE ASHEBORO, NC 27203			
VI. FACILITY LOCATION			

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK 'X'			SPECIFIC QUESTIONS	MARK 'X'		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)	X			B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)	X		
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	X	NA		D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)	X		
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	X	X		F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)	X		
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)	X			H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)	X		
J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)	X			J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)	X		

III. NAME OF FACILITY

1	SKIP		
10	14 - 20	20	

IV. FACILITY CONTACT

A. NAME & TITLE (last, first, & title)			B. PHONE (area code & no.)		
2	HUBBARD	RICHARD	MAIN	TENG	919 625 5181
11					49 66 - 49 69 - 31 52 - 58

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX			
3			49
15 16			
B. CITY OR TOWN		C. STATE	D. ZIP CODE
4			
15 16		47	57

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER			
5			49
10 11			
B. COUNTY NAME		F. COUNTY CODE (if known)	
RANDOLPH			
6			
C. CITY OR TOWN		D. STATE	E. ZIP CODE

Please print or type in the unshaded areas only
(fill-in areas are spaced for elite type, i.e., 12

cters)

Form Approved OMB No. 158-S80004

FORM
3
RCRA



U.S. ENVIRONMENTAL PROTECTION AGENCY
HAZARDOUS WASTE PERMIT APPLICATION
Consolidated Permits Program
(This information is required under Section 3005 of RCRA.)

P.A.I.D. NUMBER

F N C D 0 0 3 2 3 6 4 3 7

FOR OFFICIAL USE ONLY

APPLICATION APPROVED DATE RECEIVED (yr., mo., & day)

COMMENTS

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item 1 above.

A. FIRST APPLICATION (place an "X" below and provide the appropriate date)

1. EXISTING FACILITY (See instructions for definition of "existing" facility.
Complete item below.)

2. NEW FACILITY (Complete item below.)

8 FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day)
OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED
(use the boxes to the left)

FOR NEW FACILITIES:
PROVIDE THE DATE
(yr., mo., & day) OPERA-
TION BEGAN OR IS
EXPECTED TO BEGIN

B. REVISED APPLICATION (place an "X" below and complete Item 1 above)

1. FACILITY HAS INTERIM STATUS

2. FACILITY HAS A RCRA PERMIT

III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code/s in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.

1. AMOUNT - Enter the amount.

2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PRO- CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS	PRO- CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
<u>Storage:</u>			<u>Treatment:</u>		
CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS	TANK	T01	GALLONS PER DAY OR LITERS PER DAY
TANK	S02	GALLONS OR LITERS	SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
WASTE PILE	S021	CUBIC YARDS OR CUBIC METERS	INCINERATOR	T03	TONS PER HOUR OR METRIC TONE PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS			
<u>Dispose:</u>			OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or inciner- ators. Describe the processes in the space provided; Item III-C.)	T04	GALLONS PER DAY OR LITERS PER DAY
INJECTION WELL	D7B	GALLONS OR LITERS			
LANDFILL	D8B	ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER			
LAND APPLICATION	D8C	ACRES OR HECTARES			
OCEAN DISPOSAL	D8E	GALLONS PER DAY OR LITERS PER DAY			
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS			
<u>UNIT OF MEASURE</u>	<u>UNIT OF MEASURE CODE</u>	<u>UNIT OF MEASURE</u>	<u>UNIT OF MEASURE CODE</u>	<u>UNIT OF MEASURE</u>	<u>UNIT OF MEASURE CODE</u>
GALLONS	G	LITERS PER DAY	V	ACRE-FEET	A
LITERS	L	TONS PER HOUR	D	HECTARE-METER	F
CUBIC YARDS	Y	METRIC TONS PER HOUR	W	ACRES	B
CUBIC METERS	C	GALLONS PER HOUR	E	HECTARES	G
GALLONS PER DAY	U	LITERS PER HOUR	H		

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

LINE NUMBER	A. PRO- CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY	LINE NUMBER	A. PRO- CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY
		1. AMOUNT (specify)	2. UNIT OF MEA- SURE (enter code)				1. AMOUNT	2. UNIT OF MEA- SURE (enter code)	
X-1	S 0 2	600	G		5				
X-2	T 0 3	20	E		6				
1	S 0 1	55,000	G		7				
2					8				
3					9				
4					10				

Continued from the front.

III. PROCESSES (continued)

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

IV. DESCRIPTION OF HAZARDOUS WASTES

- A. EPA HAZARDOUS WASTE NUMBER — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.
- B. ESTIMATED ANNUAL QUANTITY — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.
- C. UNIT OF MEASURE — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE
POUNDS	P
TONS	T

METRIC UNIT OF MEASURE	CODE
KILOGRAMS	K
METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

For listed hazardous wastes: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B,C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO. X-1 X-2 X-3 X-4	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEA- SURE (enter code)	D. PROCESSES								
				1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))				
X-1	K 0 5 4	900	P	T 0 3	D 8 0							
X-2	D 0 0 2	400	P	T 0 3	D 8 0							
X-3	D 0 0 1	100	P	T 0 3	D 8 0							
X-4	D 0 0 2											included with above

Continued from page 2.

NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

Form Approved OMB No. 158-S80004

EPA I.D. NUMBER (enter from page 1)										FOR OFFICIAL USE ONLY											
5 W	N	C	D	O	0	3	2	3	6	4	3	7	T/A/C 1 2	1	9	W	2	DUP	T/A/C 1 2	DUP	9
13	14	15	-	-	-	-	-	-	-	-	-	-	-	-	13	14	15	23	-	26	-

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

W NO. LN	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEA- SURE (enter code)	D. PROCESSES																
				1. PROCESS CODES (enter)			2. PROCESS DESCRIPTION (if a code is not entered in D(1))													
23	24	25	26	27	28	29	27	28	27	28	29	27	28	29	27	28	29	27	28	
1	F 0 0 1	1	T	S 0 1																
2	F 0 1 7	3	T	S 0 1																
3	U 0 7 7	100	P	S 0 1																
4	U 1 5 9	50	P	S 0 1																
5	U 2 2 6	200	P	S 0 1																
6	D 0 0 1	1	T	S 0 1																
7	D 0 0 2	1	T	S 0 1																
8																				
9																				
10																				
11																				
12																				
13																				
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21																				
22																				
23																				
24																				
25																				
26																				

Continued from the front.

IV. DESCRIPTION OF HAZARDOUS

TES (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

EPA I.D. NO. (enter from page 1)

F	N	C	D	0	0	3	2	3	6	4	3	7	T/A C
1	2	3	4	5	6	7	8	9	0	1	2	3	6
12	13	14	15	16	17	18	19	20	21	22	23	24	25

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)

3	5	4	0	2	4	
00	34	57	34	00	- 70	

LONGITUDE (degrees, minutes, & seconds)

7	9	4	8	5	7	
00	34	57	34	00	- 70	

VIII. FACILITY OWNER

A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

P
E
S 19

2. PHONE NO. (area code & no.)

P
E
S 19

3. STREET OR P.O. BOX

4. CITY OR TOWN

S. ST.

6. ZIP CODE

P
E
S 19

c

G

48 13 19

50

50

-

50

50

-

51

51

-

51

51

-

51

51

-

51

51

-

51

51

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51

-

51

51

-

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

W. W. Williams

B. SIGNATURE

C. DATE SIGNED

11/11/80

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

GE ASHEBORO, N. C.

X. Existing State Permits/Certificates

E. "other"

Air 76-72-16-0001

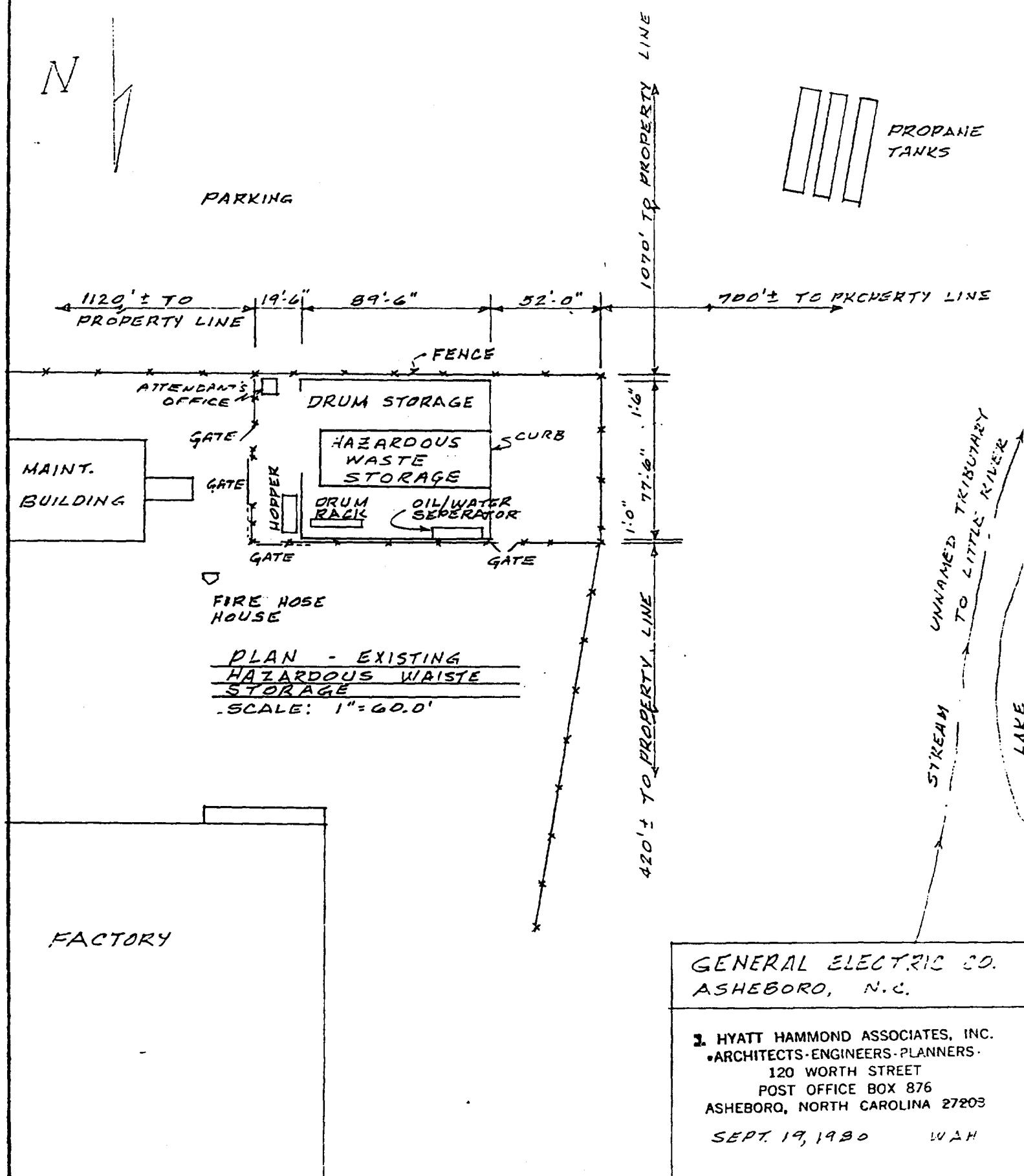
76-72-16-0002

76-72-16-0004

32-28-R-2

11/7/80

V. FACILITY DRAWING (see page 4)





North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
David T. Flaherty, Secretary

Ronald H. Levine, M.D., M.P.H.
State Health Director

24 September 1987

Ms. Denise Smith
EPA NC CERCLA Project Officer
EPA Region IV Waste Division
345 Courtland Street, N.E.
Atlanta, GA 30365

Dear Ms. Smith:

RE: Corrections and additions to the General Electric Co., Asheboro File
NCD003236437

The following changes for the referenced site were received from Ray Pope, Facility Engineer. Please add to your files.

Sincerely,

A handwritten signature in black ink that appears to read "Stan Atwood".

Stan Atwood, Toxicologist
CERCLA Unit
Solid and Hazardous Waste Management

Branch

Environmental Health Section

SA/pb/0486b.1

Narrative Summary
General Electric Co. Asheboro
NC D003236437

The facility (built in 1945) operated as a furniture factory until 1952. General Electric bought the facility in 1952 and manufactured electric blankets and small household appliances. Black & Decker bought the facility in April 1984 and has continued manufacturing small household appliances.

Waste streams have primarily consisted of spent degreasing solvents and waste oils. No on-site disposals or spills of hazardous wastes were reported; however, waste management practices prior to 1980¹⁹⁵² are unknown. Some copper wire containing the radioactive isotope P³² was buried on-site between 1956¹⁹⁵² and 1962. Because of the short half life of P³², the wire is no longer radioactive.

The site presently has "Generator" status under RCRA. Wastes ~~were~~ previously incinerated at Caldwell Systems, NC, or ~~are~~ disposed at hazardous waste incinerator in landfills in South Carolina and Alabama. The waste storage area is diked.
South Carolina and Alabama. The waste storage area is diked.
Wastes are now incinerated at Oldover Corp. in Cascade, Va. and Albemarle, NC.

There are no known drinking water wells in the immediate vicinity of the site; however, it is estimated that more than 3000 people use wells within a 3-mile radius of the site. There is also a pond on-site which is fished. Surface runoff would flow west to the head waters of Little River.

A low priority for inspection is assigned.

SA/ta/0420b.56

Stan Atwood: 7/8/87

Per our telephone conversation this date,
the attached information is submitted for your review
and consideration.

Thank you.

Sincerely,
Patricia
(419)626-1653

3 August 1987

To: File

From: Stan Atwood *JCR*

Re: GE Co. Asheboro
NCD003236437
(919) 626-1600

I spoke by telephone with Ray Pope, Black & Decker, about the subject site. He provided the following information:

1. The plant was built in 1945 and was operated as a furniture factory until 1952.
2. General Electric bought the facility in 1952 and used the site to produce electric blankets. Small household appliances were later produced at the site.
3. Black & Decker bought the facility on 27 April 1984. There were no major plant operations or employee changes.
4. No on-site disposals or spills were reported.
5. Waste streams have included isopropyl alcohol, MEK, mineral spirits, 1,1,1-trichloroethane, trichloroethylene, and waste oil.
trichloroethylene
6. No on-site wells used for drinking water and none in the nearby vicinity. The plant is served by the city water system. There is an old abandoned gold mine on-site. At one time water from the gold mine was used for processing.
but only
7. Ken Kolling is the plant manager.

Mr. Pope said he would check further on waste management practices prior to RCRA and would call me back.

Mr. Pope called me back at 10:00 AM and provided some additional information:

1952

1. Between 1956 and 1962 some insulated copper wire used in electric blankets was buried in power pole holes on-site. The wire reportedly contained the radioactive isotope P³². Wire samples taken in the early 1970's found little radioactivity remaining. The half life of P³² is only 13 days.

1952

2. These records only went back to 1980. It is likely that local landfills were used prior to RCRA regulations.
3. An on-site pond is used for fire protection. The pond is also used for fishing.

8 September 1987

TO: File
FROM: Stan Atwood *Ja*
RE: General Electric Co., Asheboro.

Ray Pope, GE, Asheboro, called me today to comment on the PA form mailed to him. He said he would return the form to me with comments in the margin.

SA/pb/0472b.54

DEC 6 1991
EPA-WPB

Ms. Pat DeRosa, Head
CONCLA Branch
North Carolina Department of Environment,
Health and Natural Resources
P.O. Box 27687
Raleigh, North Carolina 27611-7687

Dear Ms. DeRosa:

The following Site Inspection reports were recently completed by EPA's FIT contractor, copies are enclosed:

Helena Chemical NCD082363102 SIP-high priority

Note: Possible case for removal action. Widespread soil contamination with high levels of pesticides. Has been referred to EPA's Emergency Response and Removal Branch.

Carolina Power & Light-Lee Steam Plant NCD000830661 SIP-low priority

Winterville Machine Works NCD003183571 SIP-low priority

Moore County Landfill NCD981928013 NFRAP

Structural Wood Preserving Co. NCD003229762 NFRAP

Note: On-site soil contamination as a result of on-site practices. May be a good case for state programs.

General Electric - Asheboro (Black & Decker) NCD003236437 NFRAP

Wake County Landfill NCD980503171 SIP-low priority

If you have any questions or comments regarding these reports, please call me at (404) 347-5065.

Sincerely yours,

Cathy Amoroso
Environmental Scientist

Enclosures

cc: Craig Benedikt, EPA

CA:m:12/2/91x5065 Disk: Amoroso Doc: sites

AMOROSO DEIHL



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

OCT 3 1991

4WD-WPB

Thomas E. Lynch, III
Miles & Stockbridge
30 West Patrick Street
Frederick, Maryland 21701

Dear Mr. Lynch:

The Environmental Protection Agency's (EPA) Site Assessment Section recently reviewed the Screening Site Inspection, Phase II report on the General Electric Co./Asheboro facility (NCD003236437) in Asheboro, North Carolina. The report was prepared by EPA's Field Investigation Team (FIT) contractor. At this time, no further action is planned for the site by EPA's CERCLA program.

I am in receipt of your comments concerning the Screening Site Inspection, as well as several volumes of analytical results pertaining to the Asheboro facility. These documents will be added to the site file.

I would like to make two points. First, although the Screening Site Inspection contained some contractor errors, it provided adequate information on which to base a decision regarding the need for further action at the site. In this case, no further action is warranted. Secondly, while the contractor makes recommendations as to the need for further action, the EPA project manager for the site ultimately decides what further action, if any, is needed. Contractor recommendations are not automatically adopted.

If you have any questions regarding the "no further action" decision for this site, please contact me at (404) 347-5065.

Sincerely,

/

Cathy Amoroso
Environmental Scientist

cc: Steven T. Miano

CA:ca:doc:black:10/1/91

AMOROSO

DEIHL

Q 192

gD
)0|3

10 LIGHT STREET
BALTIMORE, MARYLAND 21202

101 BAY STREET
EASTON, MARYLAND 21601

11350 RANDOM HILLS ROAD
FAIRFAX, VIRGINIA 22030

LAW OFFICES
MILES & STOCKBRIDGE
30 WEST PATRICK STREET
FREDERICK, MARYLAND 21701

TELEPHONE 301-662-5155
FAX 301-662-3647

Re: 8/4/90
22 WEST JEFFERSON STREET
ROCKVILLE, MARYLAND 20850

600 WASHINGTON AVENUE
TOWSON, MARYLAND 21204

1701 PENNSYLVANIA AVENUE, N.W.
WASHINGTON, D.C. 20006

August 6, 1990

Mr. Robert Morris
Environmental Engineer
United States Environmental Protection
Agency
Region IV
345 Courtland Street
Atlanta, Georgia 30365

JENL ELEC CO.
Re: Former General Electric Company Facility
1758 South Fayetteville Street
Asheboro, North Carolina

NCD 003236437

Dear Mr. Morris:

I am writing to inquire about the status of the test results for the samples taken at the Black and Decker Asheboro facility on June 4 and 5, 1990. Would you please apprise me of the status and provide copies of the test results.

Thank you for your prompt attention.

Very truly yours,

Thomas E. Lynch, III

TEL/clc
A:TEL&D56.LTR

Thurs. 8/9/90 12:00

Called & told him EPA will send
a copy of the SSCP Report (or sampling results)
to him when the report is finalized.
(B&D)